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— DEPARTMENT OF THE AIR FORCE

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FY 1995 BUDGET ESTIMATES

MILITARY CONSTRUCTION AND FAMILY HOUSING

JUSTIFICATION DATA
SUBMITTED TO CONGRESS
FEBRUARY 1994

DISTRIBUTION STATEMENT A

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Distribution Unlimited


INSIDE THE UNITED STATES
OUTSIDE THE UNITED STATES
VARIOUS WORLDWIDE
FAMILY HOUSING

DTIC QUALITY INSPECTED 1

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**DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM
FISCAL YEAR 1995**

	PROJECT AUTH	AUTH FOR APPROP	APPROP
MILITARY CONSTRUCTION	(SEC 2301)	(SEC 2304)	
Inside the United States	244,254 ⁽¹⁾	248,254 ⁽¹⁾	242,654 ⁽¹⁾
Eglin Climatic Test Chamber, PH 3	(2)	20,000	20,000
Pope Bridges, Road and Utilities	(3)	4,000	4,000
Outside the United States	38,273	38,273	38,273
Planning and Design	10 USC 2807	49,386	49,386
Unspecified Minor Construction	10 USC 2805	7,000	7,000
TOTAL MILITARY CONSTRUCTION	338,913	362,913	357,313
 MILITARY FAMILY HOUSING	 (Sec 2302/2303)	 (Sec 2304)	
New Construction	151,948	181,948	181,948
Improvements	61,770	61,770	61,770
Planning and Design	<u>9,275</u>	<u>9,275</u>	<u>9,275</u>
Subtotal	222,993	252,993	252,993
Operations, Utilities, and Maintenance		688,562	688,562
Leasing		112,757	112,757
Debt Payment		<u>26</u>	<u>26</u>
Subtotal	222,993	801,345	801,345
TOTAL MILITARY FAMILY HOUSING	222,993	1,054,338	1,054,338
GRAND TOTAL AIR FORCE	561,906	1,417,251	1,411,651

(1) Two Tyndall projects (Base Supply/Equipment Warehouse, \$3.2M; Security Police Operations, \$2.4M) were appropriated but not authorized in FY 1994. Project authorization and authorization for appropriation in the amount of \$5.6M is requested in FY 1995 for these two projects. Appropriation is not requested in FY 1995.

(2) Project authorization provided in FY 1994, but \$20 million requires authorization for appropriation and appropriation.

(3) Project authorization provided in FY 1993; \$4 million requires authorization for appropriation and appropriation.

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ALABAMA					
MAXWELL AFB					
	STUDENT DORMITORIES	9,600	9,600	9,600	2
	<u>MAXWELL AFB TOTAL:</u>	<u>9,600</u>	<u>9,600</u>	<u>9,600</u>	
	<u>ALABAMA TOTAL:</u>	<u>9,600</u>	<u>9,600</u>	<u>9,600</u>	
ALASKA					
CAPE LISBURNE LRRS					
	UNDERGROUND FUEL STORAGE TANKS	2,800	2,800	2,800	6
	<u>CAPE LISBURNE LRRS TOTAL:</u>	<u>2,800</u>	<u>2,800</u>	<u>2,800</u>	
	<u>ALASKA TOTAL:</u>	<u>2,800</u>	<u>2,800</u>	<u>2,800</u>	
CALIFORNIA					
BEALE AFB					
	UPGRADE STORM DRAINAGE FACILITIES	1,450	1,450	1,450	10
	<u>BEALE AFB TOTAL:</u>	<u>1,450</u>	<u>1,450</u>	<u>1,450</u>	
EDWARDS AFB					
	UPGRADE HYDRANT FUELING SYSTEM	2,500	2,500	2,500	14
	F-22 ALTER ENGINEERING TEST FACILITY	4,550	4,550	4,550	17
	<u>EDWARDS AFB TOTAL:</u>	<u>7,050</u>	<u>7,050</u>	<u>7,050</u>	
TRAVIS AFB					
	FIRE TRAINING FACILITY	1,300	1,300	1,300	21
	DORMITORY	2,300	2,300	2,300	24
	<u>TRAVIS AFB TOTAL:</u>	<u>3,600</u>	<u>3,600</u>	<u>3,600</u>	
VANDENBERG AFB					
	FIRE TRAINING FACILITY	1,550	1,550	1,550	28
	SLFI-UPGRADE NATURAL GAS DISTRIBUTION SYSTEM	5,000	5,000	5,000	31
	<u>VANDENBERG AFB TOTAL:</u>	<u>6,550</u>	<u>6,550</u>	<u>6,550</u>	
	<u>CALIFORNIA TOTAL:</u>	<u>18,650</u>	<u>18,650</u>	<u>18,650</u>	

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CLASSIFIED					
CLASSIFIED LOCATION					
	SPECIAL TACTICAL UNIT DETACHMENT FACILITY	2,141	2,141	2,141	35
	<u>CLASSIFIED LOCATION TOTAL:</u>	<u>2,141</u>	<u>2,141</u>	<u>2,141</u>	
	<u>CLASSIFIED TOTAL:</u>	<u>2,141</u>	<u>2,141</u>	<u>2,141</u>	
COLORADO					
PETERSON AFB					
	UNDERGROUND FUEL STORAGE TANKS	1,750	1,750	1,750	37
	<u>PETERSON AFB TOTAL:</u>	<u>1,750</u>	<u>1,750</u>	<u>1,750</u>	
	<u>COLORADO TOTAL:</u>	<u>1,750</u>	<u>1,750</u>	<u>1,750</u>	
DELAWARE					
DOVER AFB					
	DORMITORY	4,600	4,600	4,600	41
	<u>DOVER AFB TOTAL:</u>	<u>4,600</u>	<u>4,600</u>	<u>4,600</u>	
	<u>DELAWARE TOTAL:</u>	<u>4,600</u>	<u>4,600</u>	<u>4,600</u>	
FLORIDA					
CAPE CANAVERAL AFS					
	CORROSION CONTROL FACILITY	1,700	1,700	1,700	45
	DELTA LAUNCH OPERATIONS FACILITY	7,000	7,000	7,000	48
	SLFI-UPGRADE ELECTRICAL DISTRIBUTION SYSTEM	1,750	1,750	1,750	51
	<u>CAPE CANAVERAL AFS TOTAL:</u>	<u>10,450</u>	<u>10,450</u>	<u>10,450</u>	
EGLIN AFB					
	RENOVATE CLIMATIC TEST CHAMBER PHASE III	0	20,000	20,000	55
	<u>EGLIN AFB TOTAL:</u>	<u>0</u>	<u>20,000</u>	<u>20,000</u>	
TYNDALL AFB					
	SECURITY POLICE OPERATIONS	2,400	2,400	0	59
	ADD TO BASE SUPPLY/EQUIPMENT WAREHOUSE	3,200	3,200	0	62

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	<u>TYNDALL AFB TOTAL:</u>	<u>5,600</u>	<u>5,600</u>	<u>0</u>	
	<u>FLORIDA TOTAL:</u>	<u>16,050</u>	<u>36,050</u>	<u>30,450</u>	
GEORGIA					
MOODY AFB					
	UPGRADE AIRFIELD PAVEMENTS	8,000	8,000	8,000	66
	DORMITORY	3,800	3,800	3,800	69
	<u>MOODY AFB TOTAL:</u>	<u>11,800</u>	<u>11,800</u>	<u>11,800</u>	
ROBINS AFB					
	JSTARS ADD TO INTEGRATED SUPPORT FACILITY	3,100	3,100	3,100	73
	JSTARS DORMITORY	5,525	5,525	5,525	76
	JSTARS EXPANDED FLIGHT KITCHEN	1,850	1,850	1,850	79
	JSTARS UTILITIES/ MISCELLANEOUS SUPPORT	3,825	3,825	3,825	82
	UPGRADE STORM DRAINAGE SYSTEM	2,200	2,200	2,200	85
	<u>ROBINS AFB TOTAL:</u>	<u>16,500</u>	<u>16,500</u>	<u>16,500</u>	
	<u>GEORGIA TOTAL:</u>	<u>28,300</u>	<u>28,300</u>	<u>28,300</u>	
IDAHO					
MT HOME AFB					
	DORMITORY	4,950	4,950	4,950	89
	<u>MT HOME AFB TOTAL:</u>	<u>4,950</u>	<u>4,950</u>	<u>4,950</u>	
	<u>IDAHO TOTAL:</u>	<u>4,950</u>	<u>4,950</u>	<u>4,950</u>	
ILLINOIS					
SCOTT AFB					
	UNDERGROUND FUEL STORAGE TANKS	2,700	2,700	2,700	93
	<u>SCOTT AFB TOTAL:</u>	<u>2,700</u>	<u>2,700</u>	<u>2,700</u>	
	<u>ILLINOIS TOTAL:</u>	<u>2,700</u>	<u>2,700</u>	<u>2,700</u>	

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KANSAS					
MCCONNELL AFB					
	UPGRADE STORM DRAINAGE FACILITIES	500	500	500	293
	<u>MCCONNELL AFB TOTAL:</u>	<u>500</u>	<u>500</u>	<u>500</u>	
	<u>KANSAS TOTAL:</u>	<u>500</u>	<u>500</u>	<u>500</u>	
LOUISIANA					
BARKSDALE AFB					
	UPGRADE STORM DRAINAGE FACILITIES	1,500	1,500	1,500	98
	<u>BARKSDALE AFB TOTAL:</u>	<u>1,500</u>	<u>1,500</u>	<u>1,500</u>	
	<u>LOUISIANA TOTAL:</u>	<u>1,500</u>	<u>1,500</u>	<u>1,500</u>	
MARYLAND					
ANDREWS AFB					
	DORMITORY	6,300	6,300	6,300	102
	<u>ANDREWS AFB TOTAL:</u>	<u>6,300</u>	<u>6,300</u>	<u>6,300</u>	
	<u>MARYLAND TOTAL:</u>	<u>6,300</u>	<u>6,300</u>	<u>6,300</u>	
MISSISSIPPI					
KEESLER AFB					
	7-LEVEL TRAINING CLASSROOMS	1,800	1,800	1,800	106
	7-LEVEL TRAINING DORMITORY	8,800	8,800	8,800	109
	UPGRADE FIRE SUPPRESSION SYSTEM	640	640	640	295
	<u>KEESLER AFB TOTAL:</u>	<u>11,240</u>	<u>11,240</u>	<u>11,240</u>	
	<u>MISSISSIPPI TOTAL:</u>	<u>11,240</u>	<u>11,240</u>	<u>11,240</u>	
MISSOURI					
WHITEMAN AFB					
	B-2 ADD TO AND ALTER AIRCRAFT APRON, TAXIWAY & CONVOY ROADS	4,600	4,600	4,600	113
	B-2 AIRCRAFT MAINTENANCE DOCKS/HYDRANT FUELING SYSTEM	15,000	15,000	15,000	115
	UPGRADE STORM DRAINAGE FACILITIES	1,290	1,290	1,290	118

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	B-2 ADD TO AND ALTER DOCK AND HANGAR FIRE PROTECTION SYSTEMS	3,400	3,400	3,400	121
	<u>WHITEMAN AFB TOTAL:</u>	<u>24,290</u>	<u>24,290</u>	<u>24,290</u>	
	<u>MISSOURI TOTAL:</u>	<u>24,290</u>	<u>24,290</u>	<u>24,290</u>	
MONTANA MALMSTROM AFB					
	UNDERGROUND FUEL STORAGE TANKS	3,200	3,200	3,200	125
	UNDERGROUND FUEL STORAGE TANKS MINUTEMAN III FACILITIES	4,000	4,000	4,000	128
	<u>MALMSTROM AFB TOTAL:</u>	<u>7,200</u>	<u>7,200</u>	<u>7,200</u>	
	<u>MONTANA TOTAL:</u>	<u>7,200</u>	<u>7,200</u>	<u>7,200</u>	
NEBRASKA OFFUTT AFB					
	UNDERGROUND FUEL STORAGE TANKS	760	760	760	297
	UPGRADE STORM DRAINAGE FACILITIES	1,500	1,500	1,500	132
	<u>OFFUTT AFB TOTAL:</u>	<u>2,260</u>	<u>2,260</u>	<u>2,260</u>	
	<u>NEBRASKA TOTAL:</u>	<u>2,260</u>	<u>2,260</u>	<u>2,260</u>	
NEW JERSEY MCGUIRE AFB					
	DORMITORY	8,700	8,700	8,700	136
	DORMITORY	1,600	1,600	1,600	139
	UPGRADE SANITARY SEWER SYSTEM	4,800	4,800	4,800	142
	UPGRADE STORM DRAINAGE FACILITIES	1,900	1,900	1,900	145
	<u>MCGUIRE AFB TOTAL:</u>	<u>17,000</u>	<u>17,000</u>	<u>17,000</u>	
	<u>NEW JERSEY TOTAL:</u>	<u>17,000</u>	<u>17,000</u>	<u>17,000</u>	
NEW MEXICO HOLLOMAN AFB					
	DORMITORY	3,950	3,950	3,950	149
	<u>HOLLOMAN AFB TOTAL:</u>	<u>3,950</u>	<u>3,950</u>	<u>3,950</u>	

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KIRTLAND AFB					
	UNDERGROUND FUEL STORAGE TANKS	3,200	3,200	3,200	153
	<u>KIRTLAND AFB TOTAL:</u>	<u>3,200</u>	<u>3,200</u>	<u>3,200</u>	
	<u>NEW MEXICO TOTAL:</u>	<u>7,150</u>	<u>7,150</u>	<u>7,150</u>	
NORTH CAROLINA POPE AFB					
	AIRCRAFT PARKING APRON LIGHTING	1,500	1,500	1,500	157
	FIRE TRAINING FACILITY	1,100	1,100	1,100	160
	BRIDGE, ROAD AND UTILITIES	0	4,000	4,000	163
	<u>POPE AFB TOTAL:</u>	<u>2,600</u>	<u>6,600</u>	<u>6,600</u>	
	<u>NORTH CAROLINA TOTAL:</u>	<u>2,600</u>	<u>6,600</u>	<u>6,600</u>	
NORTH DAKOTA GRAND FORKS AFB					
	UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	5,200	5,200	5,200	167
	<u>GRAND FORKS AFB TOTAL:</u>	<u>5,200</u>	<u>5,200</u>	<u>5,200</u>	
MINOT AFB					
	UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	2,950	2,950	2,950	171
	UNDERGROUND FUEL STORAGE TANKS	1,400	1,400	1,400	174
	UPGRADE STORM DRAINAGE FACILITIES	1,500	1,500	1,500	177
	<u>MINOT AFB TOTAL:</u>	<u>5,850</u>	<u>5,850</u>	<u>5,850</u>	
	<u>NORTH DAKOTA TOTAL:</u>	<u>11,050</u>	<u>11,050</u>	<u>11,050</u>	
OHIO WRIGHT-PATTERSON AFB					
	UPGRADE STORM DRAINAGE SYSTEM	3,350	3,350	3,350	181
	<u>WRIGHT-PATTERSON AFB TOTAL:</u>	<u>3,350</u>	<u>3,350</u>	<u>3,350</u>	
	<u>OHIO TOTAL:</u>	<u>3,350</u>	<u>3,350</u>	<u>3,350</u>	

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OKLAHOMA					
ALTUS AFB					
	ADD TO AND ALTER DORMITORY	3,750	3,750	3,750	185
	<u>ALTUS AFB TOTAL:</u>	<u>3,750</u>	<u>3,750</u>	<u>3,750</u>	
TINKER AFB					
	ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)	8,400	8,400	8,400	189
	UPGRADE STORM DRAINAGE SYSTEM	1,243	1,243	1,243	192
	<u>TINKER AFB TOTAL:</u>	<u>9,643</u>	<u>9,643</u>	<u>9,643</u>	
VANCE AFB					
	FIRE TRAINING FACILITY	980	980	980	299
	ALTER DORMITORIES	2,300	2,300	2,300	196
	UPGRADE SANITARY SEWER SYSTEM	1,100	1,100	1,100	199
	UPGRADE STORM DRAINAGE SYSTEM	1,800	1,800	1,800	202
	<u>VANCE AFB TOTAL:</u>	<u>6,180</u>	<u>6,180</u>	<u>6,180</u>	
	<u>OKLAHOMA TOTAL:</u>	<u>19,573</u>	<u>19,573</u>	<u>19,573</u>	
SOUTH CAROLINA					
CHARLESTON AFB					
	UPGRADE HAZARDOUS WASTE STORAGE FACILITY	1,500	1,500	1,500	206
	ALTER DORMITORIES	9,900	9,900	9,900	209
	<u>CHARLESTON AFB TOTAL:</u>	<u>11,400</u>	<u>11,400</u>	<u>11,400</u>	
	<u>SOUTH CAROLINA TOTAL:</u>	<u>11,400</u>	<u>11,400</u>	<u>11,400</u>	
SOUTH DAKOTA					
ELLSWORTH AFB					
	UPGRADE STORM DRAINAGE FACILITIES	1,450	1,450	1,450	213
	<u>ELLSWORTH AFB TOTAL:</u>	<u>1,450</u>	<u>1,450</u>	<u>1,450</u>	
	<u>SOUTH DAKOTA TOTAL:</u>	<u>1,450</u>	<u>1,450</u>	<u>1,450</u>	

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TENNESSEE					
ARNOLD AFB					
	HAZARDOUS WASTE/MATERIAL STORAGE FACILITY	1,900	1,900	1,900	217
	<u>ARNOLD AFB TOTAL:</u>	<u>1,900</u>	<u>1,900</u>	<u>1,900</u>	
	<u>TENNESSEE TOTAL:</u>	<u>1,900</u>	<u>1,900</u>	<u>1,900</u>	
TEXAS					
KELLY AFB					
	UPGRADE HYDRANT FUELING SYSTEMS	3,700	3,700	3,700	221
	ADD TO AND ALTER DORMITORY	2,250	2,250	2,250	224
	UPGRADE SANITARY SEWER LINES	3,000	3,000	3,000	227
	<u>KELLY AFB TOTAL:</u>	<u>8,950</u>	<u>8,950</u>	<u>8,950</u>	
LACKLAND AFB					
	7-LEVEL TRAINING CLASSROOMS	1,800	1,800	1,800	231
	ALTER RECRUIT DORMITORY	3,400	3,400	3,400	234
	<u>LACKLAND AFB TOTAL:</u>	<u>5,200</u>	<u>5,200</u>	<u>5,200</u>	
SHEPPARD AFB					
	7-LEVEL TRAINING CLASSROOMS	3,300	3,300	3,300	238
	<u>SHEPPARD AFB TOTAL:</u>	<u>3,300</u>	<u>3,300</u>	<u>3,300</u>	
	<u>TEXAS TOTAL:</u>	<u>17,450</u>	<u>17,450</u>	<u>17,450</u>	
WASHINGTON					
FAIRCHILD AFB					
	HAZARDOUS MATERIAL STORAGE FACILITY	1,400	1,400	1,400	242
	UPGRADE STORM DRAINAGE FACILITIES	2,450	2,450	2,450	245
	<u>FAIRCHILD AFB TOTAL:</u>	<u>3,850</u>	<u>3,850</u>	<u>3,850</u>	
	<u>WASHINGTON TOTAL:</u>	<u>3,850</u>	<u>3,850</u>	<u>3,850</u>	

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WYOMING F E WARREN AFB					
	UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	2,650	2,650	2,650	249
	<u>F E WARREN AFB TOTAL:</u>	<u>2,650</u>	<u>2,650</u>	<u>2,650</u>	
	<u>WYOMING TOTAL:</u>	<u>2,650</u>	<u>2,650</u>	<u>2,650</u>	
	<u>INSIDE THE UNITED STATES TOTAL:</u>	<u>244,254</u>	<u>268,254</u>	<u>262,654</u>	

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AZORES, PORTUGAL					
LAJES FIELD	REFUSE INCINERATOR	2,850	2,850	2,850	253
	<u>LAJES FIELD TOTAL:</u>	<u>2,850</u>	<u>2,850</u>	<u>2,850</u>	
	<u>AZORES, PORTUGAL TOTAL:</u>	<u>2,850</u>	<u>2,850</u>	<u>2,850</u>	
CLASSIFIED					
CLASSIFIED LOCATION					
	WAR READINESS MATERIEL MAINTENANCE/MANAGEMENT FAC	1,300	1,300	1,300	257
	WAR READINESS MATERIEL MEDICAL STORAGE FACILITY	2,100	2,100	2,100	260
	WAR READINESS MATERIEL OPEN STORAGE FACILITY	650	650	650	301
	<u>CLASSIFIED LOCATION TOTAL:</u>	<u>4,050</u>	<u>4,050</u>	<u>4,050</u>	
	<u>CLASSIFIED TOTAL:</u>	<u>4,050</u>	<u>4,050</u>	<u>4,050</u>	
GERMANY					
RAMSTEIN AB					
	HAZARDOUS MATERIAL STORAGE FACILITY	1,150	1,150	1,150	264
	UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	11,200	11,200	11,200	267
	<u>RAMSTEIN AB TOTAL:</u>	<u>12,350</u>	<u>12,350</u>	<u>12,350</u>	
SPANGDAHLEM AB					
	CHILD DEVELOPMENT CENTER	2,273	2,273	2,273	271
	UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	7,200	7,200	7,200	274
	<u>SPANGDAHLEM AB TOTAL:</u>	<u>9,473</u>	<u>9,473</u>	<u>9,473</u>	
	<u>GERMANY TOTAL:</u>	<u>21,823</u>	<u>21,823</u>	<u>21,823</u>	
GREENLAND					
THULE AB					
	FIRE TRAINING FACILITY	2,450	2,450	2,450	278
	<u>THULE AB TOTAL:</u>	<u>2,450</u>	<u>2,450</u>	<u>2,450</u>	

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 1995
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OUTSIDE THE UNITED STATES

STATE/COUNTRY <u>INSTALLATION</u>	PROJECT <u>GREENLAND TOTAL:</u>	PROJECT <u>AUTH</u> 2,450	AUTH FOR <u>APPROP</u> 2,450	APPROP <u>AMOUNT</u> 2,450	<u>PAGE</u>
UNITED KINGDOM					
RAF LAKENHEATH					
F-15E ADD TO MUNITIONS MAINTENANCE FACILITY		850	850	850	303
ADD TO AND ALTER DORMITORY		3,700	3,700	3,700	282
UPGRADE STORM DRAINAGE SYSTEM		2,550	2,550	2,550	285
<u>RAF LAKENHEATH TOTAL:</u>		<u>7,100</u>	<u>7,100</u>	<u>7,100</u>	
<u>UNITED KINGDOM TOTAL:</u>		<u>7,100</u>	<u>7,100</u>	<u>7,100</u>	
<u>OUTSIDE THE UNITED STATES TOTAL:</u>		<u>38,273</u>	<u>38,273</u>	<u>38,273</u>	

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STATE/COUNTRY <u>INSTALLATION</u>	<u>PROJECT</u>	PROJECT <u>AUTH</u>	AUTH FOR <u>APPROP</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>PAGE</u>
VARIOUS VARIOUS LOCATIONS					
	PLANNING AND DESIGN	49,386	49,386	49,386	289
	UNSPECIFIED MINOR CONSTRUCTION	7,000	7,000	7,000	291
	<u>VARIOUS LOCATIONS TOTAL:</u>	<u>56,386</u>	<u>56,386</u>	<u>56,386</u>	
	<u>VARIOUS TOTAL:</u>	<u>56,386</u>	<u>56,386</u>	<u>56,386</u>	
	<u>WORLDWIDE TOTAL:</u>	<u>56,386</u>	<u>56,386</u>	<u>56,386</u>	
	<u>FY 95 TOTAL:</u>	<u>338,913</u>	<u>362,913</u>	<u>357,313</u>	

DEFINITIONS OF NEW AND CURRENT MISSION

NEW MISSION PROJECTS - These projects support the deployment and beddown of new weapons systems, new or additional aircraft, missile, and space programs and support of new equipment such as radars, communications, computers, satellite tracking and electronic security. New mission projects all support new programs and initiatives that do not revitalize the existing physical plant. The projects support new and additional requirements. Planning and design and minor construction are also included in this category.

CURRENT MISSION PROJECTS - These projects revitalize the existing facility plant by replacement or upgrading existing facilities and by alleviating long standing deficiencies not generated by new missions or equipment. Included are projects to improve the quality of life, upgrade the workplace and projects to increase productivity and achieve compliance with environmental, health and safety standards.

<u>FY 95</u>	<u>(\$000)</u>
NEW MISSION	\$142,817
CURRENT MISSION	\$214,496
TOTAL	\$357,313

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 1995
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STATE/COUNTRY INSTALLATION	PROJECT	APPROP AMOUNT	TYPE
ALABAMA			
MAXWELL AFB			
	STUDENT DORMITORIES	9,600	CM
	<u>MAXWELL AFB TOTAL:</u>	<u>9,600</u>	
	<u>ALABAMA TOTAL:</u>	<u>9,600</u>	
ALASKA			
CAPE LISBURNE LRRS			
	UNDERGROUND FUEL STORAGE TANKS	2,800	CME
	<u>CAPE LISBURNE LRRS TOTAL:</u>	<u>2,800</u>	
	<u>ALASKA TOTAL:</u>	<u>2,800</u>	
CALIFORNIA			
BEALE AFB			
	UPGRADE STORM DRAINAGE FACILITIES	1,450	CME
	<u>BEALE AFB TOTAL:</u>	<u>1,450</u>	
EDWARDS AFB			
	UPGRADE HYDRANT FUELING SYSTEM	2,500	CME
	F-22 ALTER ENGINEERING TEST FACILITY	4,550	NM
	<u>EDWARDS AFB TOTAL:</u>	<u>7,050</u>	
TRAVIS AFB			
	FIRE TRAINING FACILITY	1,300	CME
	DORMITORY	2,300	NM
	<u>TRAVIS AFB TOTAL:</u>	<u>3,600</u>	
VANDENBERG AFB			
	FIRE TRAINING FACILITY	1,550	CME

Legend: CM - Current Mission
CME - Current Mission Environmental
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<u>STATE/COUNTRY</u> <u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>TYPE</u>
	SLFI-UPGRADE NATURAL GAS DISTRIBUTION SYSTEM	5,000	CM
	<u>VANDENBERG AFB TOTAL:</u>	<u>6,550</u>	
	<u>CALIFORNIA TOTAL:</u>	<u>18,650</u>	
CLASSIFIED			
CLASSIFIED LOCATION			
	SPECIAL TACTICAL UNIT DETACHMENT FACILITY	2,141	NM
	<u>CLASSIFIED LOCATION TOTAL:</u>	<u>2,141</u>	
	<u>CLASSIFIED TOTAL:</u>	<u>2,141</u>	
COLORADO			
PETERSON AFB			
	UNDERGROUND FUEL STORAGE TANKS	1,750	CME
	<u>PETERSON AFB TOTAL:</u>	<u>1,750</u>	
	<u>COLORADO TOTAL:</u>	<u>1,750</u>	
DELAWARE			
DOVER AFB			
	DORMITORY	4,600	CM
	<u>DOVER AFB TOTAL:</u>	<u>4,600</u>	
	<u>DELAWARE TOTAL:</u>	<u>4,600</u>	
FLORIDA			
CAPE CANAVERAL AFS			
	CORROSION CONTROL FACILITY	1,700	CME
	DELTA LAUNCH OPERATIONS FACILITY	7,000	CM
	SLFI-UPGRADE ELECTRICAL DISTRIBUTION SYSTEM	1,750	CM
	<u>CAPE CANAVERAL AFS TOTAL:</u>	<u>10,450</u>	

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STATE/COUNTRY <u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP AMOUNT</u>	<u>TYPE</u>
EGLIN AFB			
	RENOVATE CLIMATIC TEST CHAMBER PHASE III	20,000	CM
	<u>EGLIN AFB TOTAL:</u>	<u>20,000</u>	
	<u>FLORIDA TOTAL:</u>	<u>30,450</u>	
GEORGIA			
MOODY AFB			
	UPGRADE AIRFIELD PAVEMENTS	8,000	NM
	DORMITORY	3,800	NM
	<u>MOODY AFB TOTAL:</u>	<u>11,800</u>	
ROBINS AFB			
	JSTARS ADD TO INTEGRATED SUPPORT FACILITY	3,100	NM
	JSTARS DORMITORY	5,525	NM
	JSTARS EXPANDED FLIGHT KITCHEN	1,850	NM
	JSTARS UTILITIES/ MISCELLANEOUS SUPPORT	3,825	NM
	UPGRADE STORM DRAINAGE SYSTEM	2,200	CME
	<u>ROBINS AFB TOTAL:</u>	<u>16,500</u>	
	<u>GEORGIA TOTAL:</u>	<u>28,300</u>	
IDAHO			
MT HOME AFB			
	DORMITORY	4,950	CM
	<u>MT HOME AFB TOTAL:</u>	<u>4,950</u>	
	<u>IDAHO TOTAL:</u>	<u>4,950</u>	
ILLINOIS			
SCOTT AFB			
	UNDERGROUND FUEL STORAGE TANKS	2,700	CME
	<u>SCOTT AFB TOTAL:</u>	<u>2,700</u>	

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<u>STATE/COUNTRY</u> <u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>TYPE</u>
	<u>ILLINOIS TOTAL:</u>	<u>2,700</u>	
KANSAS			
MCCONNELL AFB			
	UPGRADE STORM DRAINAGE FACILITIES	500	CME
	<u>MCCONNELL AFB TOTAL:</u>	<u>500</u>	
	<u>KANSAS TOTAL:</u>	<u>500</u>	
LOUISIANA			
BARKSDALE AFB			
	UPGRADE STORM DRAINAGE FACILITIES	1,500	CME
	<u>BARKSDALE AFB TOTAL:</u>	<u>1,500</u>	
	<u>LOUISIANA TOTAL:</u>	<u>1,500</u>	
MARYLAND			
ANDREWS AFB			
	DORMITORY	6,300	CM
	<u>ANDREWS AFB TOTAL:</u>	<u>6,300</u>	
	<u>MARYLAND TOTAL:</u>	<u>6,300</u>	
MISSISSIPPI			
KEESLER AFB			
	7-LEVEL TRAINING CLASSROOMS	1,800	NM
	7-LEVEL TRAINING DORMITORY	8,800	NM
	UPGRADE FIRE SUPPRESSION SYSTEM	640	NM
	<u>KEESLER AFB TOTAL:</u>	<u>11,240</u>	
	<u>MISSISSIPPI TOTAL:</u>	<u>11,240</u>	
MISSOURI			
WHITEMAN AFB			
	B-2 ADD TO AND ALTER AIRCRAFT APRON, TAXIWAY & CONVOY ROADS	4,600	NM

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<u>STATE/COUNTRY</u> <u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>TYPE</u>
	B-2 AIRCRAFT MAINTENANCE DOCKS/HYDRANT FUELING SYSTEM	15,000	NM
	UPGRADE STORM DRAINAGE FACILITIES	1,290	CME
	B-2 ADD TO AND ALTER DOCK AND HANGAR FIRE PROTECTION SYSTEMS	3,400	NM
	<u>WHITEMAN AFB TOTAL:</u>	<u>24,290</u>	
	<u>MISSOURI TOTAL:</u>	<u>24,290</u>	
MONTANA			
MALMSTROM AFB			
	UNDERGROUND FUEL STORAGE TANKS	3,200	CME
	UNDERGROUND FUEL STORAGE TANKS MINUTEMAN III FACILITIES	4,000	CME
	<u>MALMSTROM AFB TOTAL:</u>	<u>7,200</u>	
	<u>MONTANA TOTAL:</u>	<u>7,200</u>	
NEBRASKA			
OFFUTT AFB			
	UNDERGROUND FUEL STORAGE TANKS	760	CME
	UPGRADE STORM DRAINAGE FACILITIES	1,500	CME
	<u>OFFUTT AFB TOTAL:</u>	<u>2,260</u>	
	<u>NEBRASKA TOTAL:</u>	<u>2,260</u>	
NEW JERSEY			
MCGUIRE AFB			
	DORMITORY	8,700	CM
	DORMITORY	1,600	NM
	UPGRADE SANITARY SEWER SYSTEM	4,800	CME
	UPGRADE STORM DRAINAGE FACILITIES	1,900	CME
	<u>MCGUIRE AFB TOTAL:</u>	<u>17,000</u>	
	<u>NEW JERSEY TOTAL:</u>	<u>17,000</u>	

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<u>STATE/COUNTRY</u> <u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>TYPE</u>
NEW MEXICO			
HOLLOMAN AFB			
	DORMITORY	3,950	CM
	<u>HOLLOMAN AFB TOTAL:</u>	<u>3,950</u>	
KIRTLAND AFB			
	UNDERGROUND FUEL STORAGE TANKS	3,200	CME
	<u>KIRTLAND AFB TOTAL:</u>	<u>3,200</u>	
	<u>NEW MEXICO TOTAL:</u>	<u>7,150</u>	
NORTH CAROLINA			
POPE AFB			
	AIRCRAFT PARKING APRON LIGHTING	1,500	NM
	FIRE TRAINING FACILITY	1,100	CME
	BRIDGE, ROAD AND UTILITIES	4,000	NM
	<u>POPE AFB TOTAL:</u>	<u>6,600</u>	
	<u>NORTH CAROLINA TOTAL:</u>	<u>6,600</u>	
NORTH DAKOTA			
GRAND FORKS AFB			
	UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	5,200	CME
	<u>GRAND FORKS AFB TOTAL:</u>	<u>5,200</u>	
MINOT AFB			
	UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	2,950	CME
	UNDERGROUND FUEL STORAGE TANKS	1,400	CME
	UPGRADE STORM DRAINAGE FACILITIES	1,500	CME
	<u>MINOT AFB TOTAL:</u>	<u>5,850</u>	
	<u>NORTH DAKOTA TOTAL:</u>	<u>11,050</u>	

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STATE/COUNTRY INSTALLATION	PROJECT	APPROP AMOUNT	TYPE
OHIO			
WRIGHT-PATTERSON AFB			
	UPGRADE STORM DRAINAGE SYSTEM	3,350	CME
	<u>WRIGHT-PATTERSON AFB TOTAL:</u>	<u>3,350</u>	
	<u>OHIO TOTAL:</u>	<u>3,350</u>	
OKLAHOMA			
ALTUS AFB			
	ADD TO AND ALTER DORMITORY	3,750	CM
	<u>ALTUS AFB TOTAL:</u>	<u>3,750</u>	
TINKER AFB			
	ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)	8,400	CM
	UPGRADE STORM DRAINAGE SYSTEM	1,243	CME
	<u>TINKER AFB TOTAL:</u>	<u>9,643</u>	
VANCE AFB			
	FIRE TRAINING FACILITY	980	CME
	ALTER DORMITORIES	2,300	CM
	UPGRADE SANITARY SEWER SYSTEM	1,100	CME
	UPGRADE STORM DRAINAGE SYSTEM	1,800	CME
	<u>VANCE AFB TOTAL:</u>	<u>6,180</u>	
	<u>OKLAHOMA TOTAL:</u>	<u>19,573</u>	
SOUTH CAROLINA			
CHARLESTON AFB			
	UPGRADE HAZARDOUS WASTE STORAGE FACILITY	1,500	CME
	ALTER DORMITORIES	9,900	CM
	<u>CHARLESTON AFB TOTAL:</u>	<u>11,400</u>	
	<u>SOUTH CAROLINA TOTAL:</u>	<u>11,400</u>	

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<u>STATE/COUNTRY</u> <u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>TYPE</u>
SOUTH DAKOTA			
ELLSWORTH AFB			
	UPGRADE STORM DRAINAGE FACILITIES	1,450	CME
	<u>ELLSWORTH AFB TOTAL:</u>	<u>1,450</u>	
	<u>SOUTH DAKOTA TOTAL:</u>	<u>1,450</u>	
TENNESSEE			
ARNOLD AFB			
	HAZARDOUS WASTE/MATERIAL STORAGE FACILITY	1,900	CME
	<u>ARNOLD AFB TOTAL:</u>	<u>1,900</u>	
	<u>TENNESSEE TOTAL:</u>	<u>1,900</u>	
TEXAS			
KELLY AFB			
	UPGRADE HYDRANT FUELING SYSTEMS	3,700	CME
	ADD TO AND ALTER DORMITORY	2,250	CM
	UPGRADE SANITARY SEWER LINES	3,000	CME
	<u>KELLY AFB TOTAL:</u>	<u>8,950</u>	
LACKLAND AFB			
	7-LEVEL TRAINING CLASSROOMS	1,800	NM
	ALTER RECRUIT DORMITORY	3,400	CM
	<u>LACKLAND AFB TOTAL:</u>	<u>5,200</u>	
SHEPPARD AFB			
	7-LEVEL TRAINING CLASSROOMS	3,300	NM
	<u>SHEPPARD AFB TOTAL:</u>	<u>3,300</u>	
	<u>TEXAS TOTAL:</u>	<u>17,450</u>	

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STATE/COUNTRY INSTALLATION	PROJECT	APPROP AMOUNT	TYPE
WASHINGTON			
FAIRCHILD AFB			
	HAZARDOUS MATERIAL STORAGE FACILITY	1,400	CM
	UPGRADE STORM DRAINAGE FACILITIES	2,450	CME
	<u>FAIRCHILD AFB TOTAL:</u>	<u>3,850</u>	
	<u>WASHINGTON TOTAL:</u>	<u>3,850</u>	
WYOMING			
F E WARREN AFB			
	UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	2,650	CME
	<u>F E WARREN AFB TOTAL:</u>	<u>2,650</u>	
	<u>WYOMING TOTAL:</u>	<u>2,650</u>	
	<u>INSIDE THE UNITED STATES TOTAL:</u>	<u>262,654</u>	
AZORES, PORTUGAL			
LAJES FIELD			
	REFUSE INCINERATOR	2,850	CME
	<u>LAJES FIELD TOTAL:</u>	<u>2,850</u>	
	<u>AZORES, PORTUGAL TOTAL:</u>	<u>2,850</u>	
CLASSIFIED			
CLASSIFIED LOCATION			
	WAR READINESS MATERIEL MAINTENANCE/MANAGEMENT FAC	1,300	NM
	WAR READINESS MATERIEL MEDICAL STORAGE FACILITY	2,100	NM
	WAR READINESS MATERIEL OPEN STORAGE FACILITY	650	NM
	<u>CLASSIFIED LOCATION TOTAL:</u>	<u>4,050</u>	
	<u>CLASSIFIED TOTAL:</u>	<u>4,050</u>	

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<u>STATE/COUNTRY</u> <u>INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP</u> <u>AMOUNT</u>	<u>TYPE</u>
GERMANY			
RAMSTEIN AB			
	HAZARDOUS MATERIAL STORAGE FACILITY	1,150	CME
	UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	11,200	CME
	<u>RAMSTEIN AB TOTAL:</u>	<u>12,350</u>	
SPANGDAHLEM AB			
	CHILD DEVELOPMENT CENTER	2,273	CM
	UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	7,200	CME
	<u>SPANGDAHLEM AB TOTAL:</u>	<u>9,473</u>	
	<u>GERMANY TOTAL:</u>	<u>21,823</u>	
GREENLAND			
THULE AB			
	FIRE TRAINING FACILITY	2,450	CME
	<u>THULE AB TOTAL:</u>	<u>2,450</u>	
	<u>GREENLAND TOTAL:</u>	<u>2,450</u>	
UNITED KINGDOM			
RAF LAKENHEATH			
	F-15E ADD TO MUNITIONS MAINTENANCE FACILITY	850	NM
	ADD TO AND ALTER DORMITORY	3,700	CM
	UPGRADE STORM DRAINAGE SYSTEM	2,550	CME
	<u>RAF LAKENHEATH TOTAL:</u>	<u>7,100</u>	
	<u>UNITED KINGDOM TOTAL:</u>	<u>7,100</u>	
	<u>OUTSIDE THE UNITED STATES TOTAL:</u>	<u>38,273</u>	
VARIOUS			
VARIOUS LOCATIONS			
	PLANNING AND DESIGN	49,386	WW

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<u>STATE/COUNTRY INSTALLATION</u>	<u>PROJECT</u>	<u>APPROP AMOUNT</u>	<u>TYPE</u>
	UNSPECIFIED MINOR CONSTRUCTION	7,000	WW
	<u>VARIOUS LOCATIONS TOTAL:</u>	<u>56,386</u>	
	<u>VARIOUS TOTAL:</u>	<u>56,386</u>	
	<u>WORLDWIDE TOTAL:</u>	<u>56,386</u>	
	<u>FY 95 PROGRAM TOTAL:</u>	<u>357,313</u>	

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INSTALLATION INDEX**

<u>INSTALLATION</u>	<u>HOST COMMAND</u>	<u>STATE/COUNTRY</u>	<u>PAGE</u>
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ANDREWS AFB	AMC	MARYLAND	101
ARNOLD AFB	MTC	TENNESSEE	216
BARKSDALE AFB	ACC	LOUISIANA	97
BEALE AFB	ACC	CALIFORNIA	9
CAPE CANAVERAL AFS	SPC	FLORIDA	44
CAPE LISBURNE LRRS	PAF	ALASKA	5
CHARLESTON AFB	AMC	SOUTH CAROLINA	205
CLASSIFIED LOCATIONS	LEE	INSIDE THE U.S.	35
CLASSIFIED LOCATIONS	LEE	OUTSIDE THE U.S.	256
DOVER AFB	AMC	DELAWARE	40
EDWARDS AFB	MTC	CALIFORNIA	13
EGLIN AFB	MTC	FLORIDA	54
ELLSWORTH AFB	ACC	SOUTH DAKOTA	212
F.E. WARREN AFB	SPC	WYOMING	248
FAIRCHILD AFB	ACC	WASHINGTON	241
GRAND FORKS AFB	AMC	NORTH DAKOTA	166
HOLLOMAN AFB	ACC	NEW MEXICO	148
KEESLER AFB	AETC	MISSISSIPPI	105
KELLY AFB	MTC	TEXAS	220
KIRTLAND AFB	MTC	NEW MEXICO	152
LACKLAND AFB	AETC	TEXAS	230
LAJES FIELD	ACC	AZORES, PORTUGAL	252
RAF LAKENHEATH	AFC	UNITED KINGDOM	281
MALMSTROM AFB	AMC	MONTANA	124
MAXWELL AFB	AETC	ALABAMA	1
MCCONNELL AFB	AMC	KANSAS	96
MCGUIRE AFB	AMC	NEW JERSEY	135
MINOT AFB	ACC	NORTH DAKOTA	170
MOODY AFB	ACC	GEORGIA	65
MOUNTAIN HOME AFB	ACC	IDAHO	88
OFFUTT AFB	ACC	NEBRASKA	131
PETERSON AFB	SPC	COLORADO	36
POPE AFB	ACC	NORTH CAROLINA	156

**DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM
FY 1995 AMENDED PRESIDENT'S BUDGET
INSTALLATION INDEX**

<u>INSTALLATION</u>	<u>HOST COMMAND</u>	<u>STATE/COUNTRY</u>	<u>PAGE</u>
RAMSTEIN AB	AFE	GERMANY	263
ROBINS AFB	MTC	GEORGIA	72
SCOTT AFB	AMC	ILLINOIS	92
SHEPPARD AFB	AETC	TEXAS	237
SPANGDAHLEM AB	AFE	GERMANY	270
THULE AB	SPC	GREENLAND	277
TINKER AFB	MTC	OKLAHOMA	188
TRAVIS AFB	AMC	CALIFORNIA	20
TYNDALL AFB	AETC	FLORIDA	58
VANCE AFB	AETC	OKLAHOMA	195
VANDENBERG AFB	SPC	CALIFORNIA	27
VARIOUS LOCATIONS	LEE	VARIOUS LOCATIONS	288
WHITEMAN AFB	ACC	MISSOURI	112
WRIGHT-PATTERSON AFB	MTC	OHIO	180

**DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM
FISCAL YEAR 1995**

ECONOMIC CONSIDERATIONS

An economic evaluation has been accomplished for all projects costing over \$2 million and the results are addressed in the individual DD Forms 1391. Life cycle economic analyses or justifications why an economic analysis was not warranted will be submitted directly to the OSD staff at their request.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL

In accordance with Public Law, 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

ENVIRONMENTAL STATEMENT

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process (EIAP) has been completed or is actively underway for all projects in the Air Force FY 1995 Military Construction Program.

EVALUATION OF FLOODPLAINS AND WETLANDS

All projects in the program have been evaluated for compliance with Executive Orders 11988, Floodplain Management, and 11990, Protection of Wetlands, and the Floodplain Management Guidelines of U.S. Water Resources Council. Projects have been sited to avoid or reduce the risk of flood loss, minimize the impact of floods on human safety, health and welfare, preserve and enhance the natural and beneficial values of wetlands and minimize the destruction, loss or degradation of wetlands.

ENVIRONMENTAL COMPLIANCE

The FY 95 MILCON request includes \$105.3 million for requirements necessary to correct current environmental noncompliance situations and to prevent future noncompliance. The request is the result of an intense effort to correct environmental concerns existing in five major infrastructure areas: wastewater treatment systems, corrosion control systems, hydrant refueling systems, underground storage tank systems, and live fire training facilities.

FY 1995

CONGRESSIONAL REPORTING REQUIREMENTS

1. STATEMENTS ON NATO ELIGIBILITY

These are in response to the requirement in the FY 1988 Senate Appropriations Committee Report, 100-200, page 13, and are included in the appropriate project justifications.

2. STATEMENTS ON COMPLIANCE WITH CONSTRUCTION MANUAL 4210.1M

These are in response to the requirement in the FY 1988 Senate Appropriations Conference Report, 100-498, page 1003, and are included in each project justification.

3. NEW AND CURRENT MISSION ACTIVITIES

The FY 1989 Senate Appropriations Committee Report, 100-380, pages 10 and 11, identified a requirement to include an exhibit in the budget justification books that displayed required projects in two separate categories: New Mission and Current Mission. The CM (current mission) or NM (new mission) designation which follows the project on the listing at Tab D identifies each project as new or current mission. Additionally, each justification in Block 11 indicates whether the project supports a new or current mission.

4. RESOLUTION TRUST CORPORATION ASSETS

Senate Armed Services Committee Report 101-384, dated 20 July 1990, on the National Defense Authorization Act for FY 91 requested the Department to screen Resolution Trust Corporation assets to determine if proposed construction projects could be more economically met through the purchase of existing assets held by the Resolution Trust Corporation. The FY 95 Military Construction and Family Housing programs were compared to the current real estate asset inventory published by the Resolution Trust Corporation. It was determined and the Department certifies that no assets exist that can be economically used in lieu of the FY 95 projects requested.

THIRD PARTY FINANCING

Test of long-term facilities contracts

NONE

FY 1995
NON-MILCON CONSTRUCTION

This information is being provided in response to the requirement on page 1006 of the FY 1988 Appropriations Conference Report 100-498. Information on appropriations other than MILCON are on the following pages:

PROGRAM	PAGE NUMBER
Research and Development (RDT&E)	F-5

NON-MILCON FUNDING

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (RDT&E) FUNDING

Refer to RDT&E Descriptive Summary Documentation for Detail

<u>PE</u>	<u>Type of Effort</u>	<u>FY</u>	<u>(\$000)</u>
3.41.11F	Alter Space Launch Complex- 4E Titan IV Program	1995	\$1,600
3.41.11F	Direct Current Electrical Power Upgrade	1995	2,500

APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, AIR FORCE

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Air Force as currently authorized by law \$357,313,000 to remain available until September 30, 1999: Provided, that of this amount, not to exceed \$49,386,000, shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

Military Construction, Air Force
Program and Financing (in Thousands of dollars)

Identification code	57-3300-0-1-051	Budget Plan (amounts for MILITARY CONSTRUCTION actions programmed)				Obligations	
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
Direct program:							
00.0101	Major construction	636,530	950,841	300,927	868,101	1,004,890	629,593
00.0201	Minor construction	7,000	6,844	7,000	15,997	10,248	8,904
00.0301	Planning	92,000	63,882	49,386	120,405	60,200	57,945
00.0401	Supporting activities				5,947	4,245	4,872
00.9101	Total direct program	735,530	1,021,567	357,313	1,010,450	1,079,583	701,314
01.0101	Reimbursable program		323	323		323	323
10.0001	Total	735,530	1,021,890	357,636	1,010,450	1,079,906	701,637
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)		-323	-323		-323	-323
17.0001	Recovery of prior year obligations				-12,063		
21.4002	Unobligated balance available, start of year:						
21.4003	For completion of prior year budget plans				-1,303,369	-958,518	-900,502
21.4003	Available to finance new budget plans						
21.4009	Reprogramming from/to prior year budget plan	-81,992	-30,095			-30,095	
22.0001	Unobligated balance transferred to other acco	20,495			20,495		
24.4002	Unobligated balance available, end of year:						
24.4002	For completion of prior year budget plans	30,095			958,518	900,502	556,501
24.4003	Available to finance subsequent year budget	13,652			30,095		
25.0001	Unobligated balance expiring				13,652		
39.0001	Budget authority	717,780	991,472	357,313	717,780	991,472	357,313
Budget authority:							
40.0001	Appropriation	717,780	1,021,567	357,313	717,780	1,021,567	357,313
40.3601	Appropriation rescinded (unob bal)		-30,095			-30,095	
43.0001	Appropriation (adjusted)	717,780	991,472	357,313	717,780	991,472	357,313
Relation of obligations to outlays:							
71.0001	Obligations incurred				1,010,450	1,079,583	701,314
72.4001	Obligated balance, start of year				898,841	978,852	1,138,157
74.4001	Obligated balance, end of year				-978,852	-1,138,157	-997,345
77.0001	Adjustments in expired accounts (net)				-17,802		
78.0001	Adjustments in unexpired accounts				-12,063		
90.0001	Outlays (net)				900,575	920,278	842,126

Military Construction, Air Force
Object Classification (in Thousands of dollars)

Identification code	57-3300-0-1-051	1993 actual	1994 est.	1995 est.
Direct obligations:				
132.001 Land and structures		100,537	107,667	111,847
199.001 Total Direct obligations		100,537	107,667	111,847
Reimbursable obligations:				
232.001 Land and structures			323	323
299.001 Total Reimbursable obligations			323	323
Allocation Accounts				
332.001 Land and structures		909,913	971,916	589,467
399.001 Total Allocation Accounts		909,913	971,916	589,467
999.901 Total obligations		1,010,450	1,079,906	701,637
Obligations are distributed as follows:				
Defense-Military:Army		737,629	755,934	505,158
Defense-Military:Navy		171,776	210,982	130,986
Defense-Military:Air Force		100,035	107,990	65,493
Department of Transportation		1,010	5,000	
Total Obligations		1,010,450	1,079,906	701,637

Program and Financing (in Thousands of dollars) SUPPLEMENTAL

Identification code	57-3300-5-1-051	Budget Plan (amounts for MILITARY CONSTRUCTION actions programmed)			Obligations		
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
10.0001	Total		-85,094			-42,547	-25,528
Financing:							
Unobligated balance available, start of year:							
21.4002	For completion of prior year budget plans						42,547
Unobligated balance available, end of year:							
24.4002	For completion of prior year budget plans					-42,547	-17,019
40.3501	Budget authority (Appropriation rescinded) (-85,094			-85,094	
Relation of obligations to outlays:							
71.0001	Obligations incurred					-42,547	-25,528
72.4001	Obligated balance, start of year					35,399	-35,399
74.4001	Obligated balance, end of year						37,952
90.0001	Outlays (net)					-7,148	-22,975

Military Construction, Air Force
(Rescission Proposal)
Object Classification (in thousands of dollars) SUPPLEMENTAL

Identification code	57-3300-5-1-051	1993 actual	1994 est.	1995 est.
Direct obligations:				
132.001	Land and structures			
199.001	Total Direct obligations		-42,547	-25,528
999.901	Total obligations		-42,547	-25,528

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
MAXWELL AIR FORCE BASE, ALABAMA				AIR EDUCATION AND TRAINING COMMAND				0.74			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		973	1600	1466	1556	46	14				5,655
b. End FY 1999		1000	1622	1595	1556	46	14				5,833
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,528)											
b. Inventory Total As Of: (30 SEP 93) 204,118											
c. Authorization Not Yet In Inventory: 11,950											
d. Authorization Requested In This Program: 9,600											
e. Authorization Included In Following Program: (FY 1996) 31,700											
f. Planned In Next Three Program Years: 63,100											
g. Remaining Deficiency: 0											
h. Grand Total: 320,468											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START	CMPL		
724-417	STUDENT DORMITORIES			200 PN	9,600	MAY 93	DEC 94				
					TOTAL:	9,600					
9a. Future Projects: Included in the Following Program (FY 1996)											
111-111	IMPROVE RUNWAY			35,000 SY	3,500						
171-851	AU PROFESSIONAL/TECH EDUCATION			60,000 SF	6,600						
PHASE II											
171-851	ADD TO AND ALTER ACADEMIC FACILITY			23,000 SF	2,700						
722-351	DINING FACILITY			31,700 SF	5,200						
724-433	CADET QUARTERS			400 PN	10,000						
740-884	CHILD DEVELOPMENT CENTER			34,800 SF	3,700						
					TOTAL:	31,700					
9b. Future Projects: Typical Planned Next Three Years:											
141-453	RENOVATE BASE OPERATIONS			22,607 SF	3,300						
171-844	OFFICER TRAINING FACILITY			83,000 SF	7,900						
724-417	CADET DORMITORY OTS			150 PN	7,900						
724-417	VISITING OFFICERS QUARTERS			200 PN	9,900						
740-674	PHYSICAL FITNESS CENTER			5,000 SF	500						
10. Mission or Major Functions: Headquarters Air University; Air War College; Air Command and Staff College; Squadron Officer School; Officer Training School; Center for Aerospace Doctrine, Research, and Education; Air Force Quality Center; Ira C Eaker Center for Professional Development; Air Force Historical Research Agency; Headquarters Air Force Reserve Officer Training Corps; Headquarters Civil Air Patrol; Community College of the Air Force; an air base wing (C-21 aircraft) and an Air Force Reserve airlift group (C-130 aircraft).											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
MAXWELL AIR FORCE BASE, ALABAMA			STUDENT DORMITORIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.57.96	724-417	PNQS943079	9,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
STUDENT DORMITORIES (200 PN)		SF	103,400		6,810
VISITING OFFICERS QUARTERS		SF	96,000	64	(6,144)
BILLETING OFFICE		SF	7,400	90	(666)
SUPPORTING FACILITIES					1,795
UTILITIES		LS			(440)
SITE IMPROVEMENTS		LS			(400)
PAVEMENTS		SY	13,000	28	(365)
DEMOLITION		SF	49,300	12	(590)
SUBTOTAL					8,605
CONTINGENCY (5%)					430
TOTAL CONTRACT COST					9,035
SUPERVISION, INSPECTION AND OVERHEAD (6%)					542
TOTAL REQUEST					9,577
TOTAL REQUEST (ROUNDED)					9,600
10. Description of Proposed Construction: Three buildings of reinforced concrete foundation and floor slabs, structural frame, walls and roof. Included room-bath modules, laundries, storage and lounge areas, and all necessary support. Demolition of two WW II vintage type dormitories. Provide a parking lot with drainage and street improvements. Air Conditioning: 320 Tons. Grade Mix: 200 01-03.					
11. REQUIREMENT: 1,226 PN ADEQUATE: 500 PN SUBSTANDARD: 776 PN PROJECT: Construct two student dormitories for the Squadron Officer School (SOS) and a new billeting office. (Current Mission) REQUIREMENT: Adequate living quarters are needed to accommodate approximately 608 students (company grade officers and civilians) in each of five 7-week courses annually offered at the school. Properly designed and furnished quarters which provide some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important training these students are to receive. The billeting office must provide a separate area for customer service, lounge, waiting area, front desk, lobby, admin, guest storage, general storage, locker room, and conference room, not now available in SOS dormitories. Two WW II vintage type dormitories will be demolished upon completion of this project. CURRENT SITUATION: The existing dormitories, constructed in 1956, have had only minor upgrades over the past years and are inadequate by current living standards. Major deficiencies are inadequate lighting, poor sound attenuation, deteriorated windows, outdated electrical and mechanical systems. These existing facilities are beyond economical repair. The billeting office serves an average of 230 guests per day and is also located in a five-story dormitory with limited space. There are no other					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION MAXWELL AIR FORCE BASE, ALABAMA		
4. PROJECT TITLE STUDENT DORMITORIES	5. PROJECT NUMBER PNQS943079	
<p>facilities on base which could be upgraded to meet the billeting requirement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The dormitories and billeting office will remain functionally substandard. This will adversely affect the overall education mission and lower student morale.</p> <p><u>ADDITIONAL:</u> An economic analysis was prepared comparing alternatives of new construction, revitalization, leasing and status quo operation. Based on the present value and benefits of the respective alternatives, new construction was found to be the most cost-effective over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". This is also the first half of a two part program to correct SOS dormitory deficiencies. Two additional dormitories are programmed for FY 97 in order to meet the remaining requirements. This project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MAXWELL AIR FORCE BASE, ALABAMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
STUDENT DORMITORIES	PNQS943079	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAY 06
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		15%
(d) Date 35% Designed.		94 APR 01
(e) Date Design Complete		94 DEC 13
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		450
(b) All Other Design Costs		270
(c) Total		720
(d) Contract		450
(e) In-house		270
(4) Construction Start		95 MAR
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION CAPE LISBURNE LONG RANGE RADAR SITE, ALASKA				4. COMMAND PACIFIC AIR FORCES				5. AREA CONST COST INDEX 2.75			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93											
b. End FY 1999											
7. INVENTORY DATA (\$000)											
a. Total Acreage: (1,125)											
b. Inventory Total As Of: (30 SEP 93) 23,733											
c. Authorization Not Yet In Inventory: 0											
d. Authorization Requested In This Program: 2,800											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 26,533											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST (\$000)	DESIGN STATUS			
CODE								START	CMPL		
411-134		UNDERGROUND FUEL STORAGE TANKS			13 EA		2,800	JUN 93	JUL 94		
					TOTAL:		2,800				
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: An air control detachment which provides early warning defense.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution: 0											
b. Water pollution: 0											
c. Occupational safety and health: 0											
d. Other Environmental: 0											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION CAPE LISBURNE LONG RANGE RADAR SITE, ALASKA			4. PROJECT TITLE UNDERGROUND FUEL STORAGE TANKS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.74.56P	411-134	DBQT953005	2,800		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UNDERGROUND FUEL STORAGE TANKS	EA	13		1,680	
ABOVEGROUND STORAGE TANKS	EA	10	138,000	(1,380)	
TANK REMOVAL/DISPOSAL	EA	3	100,000	(300)	
SUPPORTING FACILITIES				730	
UTILITIES	LS			(100)	
SITE IMPROVEMENTS	LS			(75)	
SOIL REMEDIATION	LS			(75)	
FUEL PIPELINE	LF	1,600	300	(480)	
SUBTOTAL				2,410	
CONTINGENCY (10%)				241	
TOTAL CONTRACT COST				2,651	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				172	
TOTAL REQUEST				2,823	
TOTAL REQUEST (ROUNDED)				2,800	
10. Description of Proposed Construction: Replace two 492,000 gallon, single walled vertical storage tanks with nine 30,000 gallon, self-diked tanks. Replace 25,000 gallon underground MOGAS tank with a self-diked above ground tank. Replace old piping with new piping as required. Install fuel detection, spill/overflow prevention and cathodic protection. Includes soil remediation, disposal, utilities and all necessary support.					
11. REQUIREMENT: As required.					
<u>PROJECT:</u> Remove and replace underground fuel storage tanks. (Current Mission)					
<u>REQUIREMENT:</u> This is a Level II environmental compliance requirement. An adequate fuel storage and pipeline system is required to replace the existing deteriorated system. Additionally, secondary containment around aboveground fuel storage areas is needed to contain spills in event of rupture. The Federal Oil Pollution Prevention Regulation (40 CFR, Section 112.7(e)(2)) requires impervious secondary containment for aboveground tanks. The smaller underground tanks, regulated by 40 CFR 280, requires replacement to meet the new construction standards by 22 December 1998. This site's mission, long-range radar protection of the US coastline, depends on stored fuel to operate during long winter months when it is inaccessible.					
<u>CURRENT SITUATION:</u> The existing fuel storage system was installed in 1952 and is now severely deteriorated. The two aboveground tanks are very pitted and the threat of a leak exists at any time. They are located on the beach, directly adjacent to the Arctic Ocean, and the dikes surrounding the tanks are unlined. The piping is old and does not have the necessary protection to prevent further deterioration. The underground tank represents a high potential leakage threat since it is					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CAPE LISBURNE LONG RANGE RADAR SITE, ALASKA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	DBQT953005	
<p>unprotected steel over 15 years of age. A leak from any of the three tanks would have grave environmental consequences. The six to eight permanently assigned personnel at this small site have a limited capability to respond to a big spill. The age of the system, its beach location, lack of lined diking and leak detection, lack of spill/overflow prevention or cathodic protection, and limitations of the site to handle environmental problems demand this project. A notice of violation has not yet been assigned to this situation.</p> <p><u>IMPACT IF NOT PROVIDED:</u> In the event of a fuel spill, surrounding soil and the Arctic Ocean would be quickly contaminated, causing significant damage to the environment, and the Air Force would be subject to litigation and fines under the Clean Water Act. Failure to take corrective action will result in fuel storage which still does not comply with regulatory requirements.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, repair and replacement construction) was done. It indicates there is only one option that satisfies statutory requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CAPE LISBURNE LONG RANGE RADAR SITE, ALASKA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	DBQT953005	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 15
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		30%
(d) Date 35% Designed.		94 FEB 15
(e) Date Design Complete		94 JUL 05
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		HICKAM
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		120
(b) All Other Design Costs		100
(c) Total		220
(d) Contract		30
(e) In-house		190
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
BEALE AIR FORCE BASE, CALIFORNIA				AIR COMBAT COMMAND				1.24			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		465	2823	417				1	1		3,707
b. End FY 1999		457	3027	440					1	1	3,926
7. INVENTORY DATA (\$000)											
a. Total Acreage: (22,944)											
b. Inventory Total As Of: (30 SEP 93) 182,134											
c. Authorization Not Yet In Inventory: 14,200											
d. Authorization Requested In This Program: 1,450											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 23,650											
g. Remaining Deficiency: 0											
h. Grand Total: 221,434											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST	DESIGN STATUS			
CODE							(\$000)	START	CMPL		
871-183		UPGRADE STORM DRAINAGE FACILITIES			LS		1,450	JUL 93	NOV 94		
							TOTAL:	1,450			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
130-142		FLIGHTLINE FIRE STATION			24,000 SF		4,600				
130-142		FIRE/CRASH RESCUE STATION			5,000 SF		1,200				
214-425		VEHICLE OPERATIONS AND MAINTENANCE			38,000 SF		5,100				
610-128		ADD TO MILITARY PERSONNEL SUPPORT CENTER			15,000 SF		3,050				
831-155		INDUSTRIAL WASTEWATER TREATMENT FACILITIES			LS		5,000				
10. Mission or Major Functions: A flying wing which includes two reconnaissance squadrons (U-2 and T-38 aircraft); the Air Force Combat Ammunition Center; an air refueling squadron (KC-135 aircraft); and an Air Force Space Command missile warning squadron which operates one of the Phased Array Warning System (Pave PAWS) radars.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										2,250	
b. Water pollution:										3,500	
c. Occupational safety and health:										0	
d. Other Environmental:										1,500	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
BEALE AIR FORCE BASE, CALIFORNIA			UPGRADE STORM DRAINAGE FACILITIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.74.56C	871-183	BAEY992500	1,450		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE STORM DRAINAGE FACILITIES	LS			580	
SUPPORTING FACILITIES				725	
CORRECT CROSS-CONNECTIONS	LS			(725)	
SUBTOTAL				1,305	
CONTINGENCY (5%)				65	
TOTAL CONTRACT COST				1,370	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				82	
TOTAL REQUEST				1,452	
TOTAL REQUEST (ROUNDED)				1,450	
10. Description of Proposed Construction: Provide treatment of storm water runoff by correction of sanitary and storm sewer cross-connections and rerouting of non-storm water discharges to the sanitary sewer system. Connect oil/water separators, and provide necessary support.					
11. REQUIREMENT: As required.					
PROJECT: Upgrade storm drainage facilities. (Current Mission)					
REQUIREMENT: This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122.26 for storm water discharge. Beale AFB applied for a storm water permit in Mar 92 under the state of California's baseline general permit process. The correction of non-storm water discharges and cross-connections are required no later than three years after filing the Notice of Intent to the state. The base is required to be in compliance with their National Pollutant Discharge Elimination System (NPDES) permit requirements by Mar 95. Corrective actions are required to eliminate sources of pollutants to storm drainage.					
CURRENT SITUATION: Currently, the base does not have a means to separate the runoff from non-storm water discharges. There are existing cross-connections which are not allowed by the NPDES permit. Some non-storm water discharges are connected to the storm drainage system which is not allowed by the state's general permit.					
IMPACT IF NOT PROVIDED: Beale AFB will be out of compliance with their NPDES permit. The continuous violation of storm water regulations have the potential for fines up to \$25,000 per day per violation and could create adverse publicity.					
ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However,					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
BEALE AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	BAEY992500	
<p>this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
BEALE AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	BAEY992500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 30
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 DEC 01
(e) Date Design Complete		94 NOV 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		87
(b) All Other Design Costs		157
(c) Total		244
(d) Contract		155
(e) In-house		89
(4) Construction Start		95 FEB
b. Equipment associated with this project will be provided from other appropriations: N/A		

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1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
EDWARDS AIR FORCE BASE, CALIFORNIA				AIR FORCE MATERIEL COMMAND				1.38			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		658	3610	3376							7,644
b. End FY 1999		622	3149	3583	11			29	20	112	7,526
7. INVENTORY DATA (\$000)											
a. Total Acreage: (301,928)											
b. Inventory Total As Of: (30 SEP 93) 653,456											
c. Authorization Not Yet In Inventory: 62,400											
d. Authorization Requested In This Program: 7,050											
e. Authorization Included In Following Program: (FY 1996) 32,600											
f. Planned In Next Three Program Years: 25,800											
g. Remaining Deficiency: 0											
h. Grand Total: 781,306											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE				SCOPE		COST (\$000)		DESIGN STATUS	
CODE										START CMPL	
121-122		UPGRADE HYDRANT FUELING SYSTEM				8,200 LF		2,500		APR 93 AUG 94	
311-115		F-22 ALTER ENGINEERING TEST FACILITY				50,500 SF		4,550		MAY 93 JUL 94	
TOTAL:								7,050			
9a. Future Projects: Included in the Following Program (FY 1996)											
311-114		RENOVATE AIRCRAFT MAINTENANCE FACILITY				234,500 SF		7,800			
311-114		F-22 ADD/ALTER ENGINEERING AND DEVELOPMENT COMPLEX				107,000 SF		9,900			
721-312		DORMITORY COMPLEX				240 PN		9,400			
821-115		CLEAN AIR ACT COMPLIANCE				24 EA		4,000			
871-183		UPGRADE STORM DRAINAGE SYSTEM				LS		1,500			
TOTAL:								32,600			
9b. Future Projects: Typical Planned Next Three Years:											
121-122		UPGRADE HYDRANT FUELING SYSTEM				18,000 LF		5,800			
311-114		RENOVATE AIRCRAFT MAINTENANCE FACILITY				185,000 SF		7,600			
813-231		ADD TO AND ALTER ELECTRIC DISTRIBUTION SYSTEM, PHASE III				LS		12,400			
10. Mission or Major Functions: Air Force Flight Test Center which is responsible for flight test activities for all USAF aircraft and related avionics, flight control, and weapons systems (primary test aircraft include B-1, B-2, C-17, C-23, F-15, F-16, F-117, F-22, AC-130, OA-37, T-38 & UH-1); Air Force Test Pilot School; and Astronautics Directorate of the Phillips Laboratory. Major tenants include US Army Aviation Engineering Activity; NASA Ames Dryden Flight Research Facility; and Jet Propulsion Laboratory test facility. Also, a landing site for the space shuttle.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										8,000	
b. Water pollution:										5,300	
c. Occupational safety and health:										0	
d. Other Environmental:										9,300	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
EDWARDS AIR FORCE BASE, CALIFORNIA			UPGRADE HYDRANT FUELING SYSTEM		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
7.80.56	121-122	FSPM953700	2,500		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE HYDRANT FUELING SYSTEM	LF	8,200	220	1,804	
SUPPORTING FACILITIES				330	
UTILITIES	LS			(80)	
SITE IMPROVEMENTS	LS			(50)	
LEAK DETECTION SYSTEM	LS			(200)	
SUBTOTAL				2,134	
CONTINGENCY (10%)				213	
TOTAL CONTRACT COST				2,347	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				141	
TOTAL REQUEST				2,488	
TOTAL REQUEST (ROUNDED)				2,500	
10. Description of Proposed Construction: Upgrade hydrant fuel system to meet 1998 California standards for underground high pressure fuel systems. Install double-wall pipe and a leak detection system; provide O&M manual and necessary support.					
11. REQUIREMENT: 12,400 LF ADEQUATE: 4,200 LF SUBSTANDARD: 8,200 LF PROJECT: Upgrade hydrant fueling system. (Current Mission) REQUIREMENT: This is a Level II environmental compliance requirement. The California Code of Regulations, Title 23, Chapter 16, para. 25281(k) and 25292(e) requires underground high pressure fuel systems be retrofitted with secondary containment (i.e. double-walled, monitored pipe) by December 1998. The hydrant fuel system servicing the large aircraft parking apron is a pressurized fuel system, and will be required to meet the new standards. CURRENT SITUATION: Except for 4200 linear feet of piping provided by the FY93 Military Construction Program, the existing hydrant fuel system consists of 6-14 inch single wall fiberglass piping installed in 1972. This system has no provision for leak detection or spill containment as required by the California Code of Regulations. The pipeline conveys fuel from a commercial supply point through the operating storage tanks to fuel dispensing outlets on the aircraft parking apron. IMPACT IF NOT PROVIDED: This base will continue to pose a threat of contaminating the ground water with hazardous petroleum products. After 1998, continued use of this pipeline will expose the Air Force to possible litigation. Alternatively, shutdown of the pipeline will severely impact this center's flight test mission. ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However,					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
EDWARDS AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE HYDRANT FUELING SYSTEM	FSPM953700	
<p>this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission and regulatory requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
EDWARDS AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE HYDRANT FUELING SYSTEM	FSPM953700	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 15
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 OCT 15
(e) Date Design Complete		94 AUG 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		50
(b) All Other Design Costs		54
(c) Total		104
(d) Contract		
(e) In-house		104
(4) Construction Start		
		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
EDWARDS AIR FORCE BASE, CALIFORNIA			F-22 ALTER ENGINEERING TEST FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
6.42.39	311-115	FSPM923522	4,550		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
F-22 ALTER ENGINEERING TEST FACILITY	SF	50,500	52	2,626	
SUPPORTING FACILITIES				1,280	
ENTRY CONTROL, FENCE, AND ALARMS	LS			(600)	
SCIF/SAR IMPROVEMENTS	LS			(530)	
UTILITIES	LS			(100)	
PAVEMENTS	LS			(50)	
SUBTOTAL				3,906	
CONTINGENCY (10%)				391	
TOTAL CONTRACT COST				4,297	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				258	
TOTAL REQUEST				4,555	
TOTAL REQUEST (ROUNDED)				4,550	
10. Description of Proposed Construction: Alter ceiling, wall, floor, and mechanical/electrical systems; provide Sensitive Compartmented Information Facility (SCIF) area, install security systems and fencing, upgrade utilities and provide necessary support. Air Conditioning: 25 Tons.					
11. REQUIREMENT: 1,329,700 SF ADEQUATE: 353,600 SF SUBSTANDARD: 976,100 SF PROJECT: Alter an F-22 engineering test facility. (New Mission) REQUIREMENT: The Air Force Flight Test Center requires a secure and modern aircraft maintenance and testing facility to house and conduct testing of the first F-22 Advanced Tactical Fighter (ATF) in FY96. The Engineering and Manufacturing Development (EMD) phase of the F-22 program includes a total of nine aircraft that will all be delivered to Edwards AFB by 1999. This facility will house the main flight test engineering staff and provide maintenance bays for the first EMD test aircraft which will be delivered in FY96. It must also provide a centralized secure area with Special Access Required (SAR) security requirements. The reliability and maintainability of each subsystem as well as the operational capability of the total weapon system will be assessed. CURRENT SITUATION: There are no existing hangars at Edwards AFB that have the proper electrical and mechanical systems to support testing, repairs, calibration, and trouble-shooting of the advanced F-22 instrumentation and avionics systems. Existing facilities also do not meet SAR security requirements. IMPACT IF NOT PROVIDED: The Air Force will be forced to delay and slow the scheduled F-22 test activities, resulting in millions of dollars in cost growth and delaying start of production and initial operational					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
EDWARDS AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
F-22 ALTER ENGINEERING TEST FACILITY	FSPM923522	
<p>capability.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in either Part II of Military Handbook 1190, "Facility Planning and Design Guide" or in Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Two follow-on MILCON projects, programmed for FY96 and FY97, will provide facilities to support the remaining EMD aircraft on a just-in-time schedule.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
EDWARDS AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
F-22 ALTER ENGINEERING TEST FACILITY	FSPM923522	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAY 24
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		94 JAN 08
(e) Date Design Complete		94 JUL 25
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		270
(b) All Other Design Costs		145
(c) Total		415
(d) Contract		287
(e) In-house		128
(4) Construction Start		
		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST				
TRAVIS AIR FORCE BASE, CALIFORNIA				AIR MOBILITY			COST INDEX				
				COMMAND			1.25				
6. PERSONNEL		PERMANENT		STUDENTS			SUPPORTED				
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		1113	5997	2040	177	411		5	16		9,759
b. End FY 1999		1114	5832	1978				5	16		8,945
7. INVENTORY DATA (\$000)											
a. Total Acreage: (6,922)											
b. Inventory Total As Of: (30 SEP 93) 450,102											
c. Authorization Not Yet In Inventory: 60,170											
d. Authorization Requested In This Program: 3,600											
e. Authorization Included In Following Program: (FY 1996) 26,500											
f. Planned In Next Three Program Years: 28,260											
g. Remaining Deficiency: 0											
h. Grand Total: 568,632											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
179-511	FIRE TRAINING FACILITY			LS	1,300			AUG 93		SEP 94	
721-312	DORMITORY			60 PN	2,300			SEP 93		AUG 94	
TOTAL:					3,600						
9a. Future Projects: Included in the Following Program (FY 1996)											
141-753	SQUADRON OPERATIONS/AIRCRAFT		42,705 SF		8,900						
	MAINTENANCE UNIT FACILITY										
721-312	ADD TO AND ALTER DORMITORY		140 PN		5,300						
721-312	ALTER DORMITORY		140 PN		5,300						
724-417	VISITING OFFICERS QUARTERS		100 PN		7,000						
TOTAL:					26,500						
9b. Future Projects: Typical Planned Next Three Years:											
141-753	FLIGHT OPERATIONS COMPLEX		45,600 SF		9,500						
171-618	FIELD TRAINING FACILITY		36,600 SF		5,900						
179-511	FIREMEN TRAINING FACILITY		LS		950						
218-868	PRECISION MEASURING EQUIP LAB		8,500 SF		1,800						
721-312	DORMITORY		186 PN		9,500						
10. Mission or Major Functions: Headquarters Fifteenth Air Force; an airlift wing which includes two C-5 and two C-141 squadrons; an Air Force Reserve associate airlift wing (C-5 and C-141 aircraft); a major Air Force medical center; and the largest aerial port on the west coast.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
TRAVIS AIR FORCE BASE, CALIFORNIA			FIRE TRAINING FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.18.56	179-511	XDAT973500	1,300		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FIRE TRAINING FACILITY	LS			1,050	
SUPPORTING FACILITIES				125	
UTILITIES	LS			(50)	
PAVEMENTS	SY	1,300	31	(40)	
SITE IMPROVEMENTS	LS			(35)	
SUBTOTAL				1,175	
CONTINGENCY (5%)				59	
TOTAL CONTRACT COST				1,234	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				74	
TOTAL REQUEST				1,308	
TOTAL REQUEST (ROUNDED)				1,300	
10. Description of Proposed Construction: Construct a fire training facility to include: a 100 foot diameter environmentally acceptable fire training area with a large frame aircraft simulator, a liquid propane gas (LPG) tank of a 1000 gallon water capacity equivalency, a 500 gallon JP-4 fuel storage tank, a fuel/water separator, and a lined effluent holding pond with pumps and piping systems.					
11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA PROJECT: Construct a fire training facility. (Current Mission) REQUIREMENT: This is a Level I environmental compliance project. The existing fire training pit does not meet the Clean Water Act (CWA) requirements (40 CFR 122.26). This project constructs a training facility which meets CWA, Clean Air Act, and the Resource Conservation and Recovery Act (RCRA) requirements. The following features must be provided: impermeable liner below the burn area, fuel/water separator and nondischarging effluent holding pond to prevent contamination of soil and groundwater. Live fire training is an FAA established quarterly training requirement for the fire fighters to maintain a high level of proficiency. It is Air Force policy to have a facility on every major Air Force installation to meet fire training requirements which complies with all applicable environmental requirements. CURRENT SITUATION: The existing live fire training facility does not meet the CWA requirements and has been closed since 1984. Since its closure, all fire training has been done simulating live fire. This facility is inadequate for use as a fire fighting training facility as defined by Air Force regulations. The current aircraft mock-up is smaller than the required size and is not accessible for multi-directional approaches creating an artificial environment which limits the quality of training.					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE FIRE TRAINING FACILITY	5. PROJECT NUMBER XDAT973500	
<p>The existing facility does not have high-density polyethylene flexible membrane liners, a leak detection system, and spill containment capability. There are no environmentally approved live fire training facilities in the local area. Structural fire training is provided only when facilities are burned for purposes of demolition. The only aircraft fire training is provided through simulated live fire fighting exercises. This method allows for using water only during practice which does not replicate "real fire" conditions necessary for fire fighters to maintain required proficiency. Additionally, limited manning does not allow TDY to train at other bases while simultaneously providing sufficient crash and rescue coverage of the airfield. A remedial information feasibility study (RIFS) is being performed to determine what, if any, environmental clean-up actions are to be accomplished.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The existing facility is closed because of previous violations of environmental requirements. Required live fire training for the assigned fire fighters is not available. Without the stress and realism that come only with live fires, the fire fighters lose proficiency in combating fires. The potential for loss of aircraft and life is increased.</p> <p><u>ADDITIONAL:</u> There are no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TRAVIS AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
FIRE TRAINING FACILITY	XDAT973500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 AUG 15
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 NOV 15
(e) Date Design Complete		94 SEP 15
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		SCOTT
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		
(b) All Other Design Costs		10
(c) Total		10
(d) Contract		
(e) In-house		10
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
TRAVIS AIR FORCE BASE, CALIFORNIA			DORMITORY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.12.19	721-312	XDAT953303R1	2,300		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
DORMITORY (60 PN)	SF	13,600	130	1,768	
SUPPORTING FACILITIES				315	
UTILITIES	LS			(95)	
SITE IMPROVEMENTS	LS			(100)	
PAVEMENTS	LS			(120)	
SUBTOTAL				2,083	
CONTINGENCY (5%)				104	
TOTAL CONTRACT COST				2,187	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				131	
TOTAL REQUEST				2,318	
TOTAL REQUEST (ROUNDED)				2,300	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes room-bath-room modules, laundries, storage and lounge areas and other necessary support. Air Conditioning: 40 Tons. Grade Mix: 54 E1-E4; 5 E5-E6; 1 E7-E9.					
11. REQUIREMENT: 2,923 PN ADEQUATE: 2,014 PN SUBSTANDARD: 1,639 PN PROJECT: Construct a dormitory. (New Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. CURRENT SITUATION: The Base Realignment and Closure, Round III (BRAC 93) decision realigned KC-10s to Travis. Subsequent to the closure decision the USAF decided to consolidate further by moving additional KC-10 aircraft to Travis. There are not enough dormitories to accommodate the additional unaccompanied enlisted personnel who will relocate to this base in support of this tanker realignment. By adding this requirement to the BRAC dormitory project a single facility can be constructed to satisfy both requirements. The current dormitory occupancy rate at Travis is 96 percent. IMPACT IF NOT PROVIDED: Substandard living conditions will persist and morale, productivity, and career satisfaction of the enlisted force will continue to be degraded. ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". This is a companion project to the BRAC 93 Dormitory project XDAT953307 which					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
TRAVIS AIR FORCE BASE, CALIFORNIA			
4. PROJECT TITLE		5. PROJECT NUMBER	
DORMITORY		XDAT953303R1	
<p>results in a 228 person dormitory. This project meets FY98 force structure end strength.</p>			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TRAVIS AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	XDAT953303R1	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 SEP 20	
(b) Parametric Cost Estimates used to develop costs	Y	
(c) Percent Complete as of Jan 1994	15%	
(d) Date 35% Designed.	94 APR 12	
(e) Date Design Complete	94 AUG 20	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	138	
(b) All Other Design Costs	102	
(c) Total	240	
(d) Contract	200	
(e) In-house	40	
(4) Construction Start		
	95 FEB	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION VANDENBERG AIR FORCE BASE, CALIFORNIA				4. COMMAND AIR FORCE SPACE COMMAND				5. AREA CONST COST INDEX 1.36			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		667	2650	1226							4,543
b. End FY 1999		609	2269	1223							4,101
7. INVENTORY DATA (\$000)											
a. Total Acreage: (98,830)											
b. Inventory Total As Of: (30 SEP 93) 1,109,649											
c. Authorization Not Yet In Inventory: 15,650											
d. Authorization Requested In This Program: 6,550											
e. Authorization Included In Following Program: (FY 1996) 15,500											
f. Planned In Next Three Program Years: 39,200											
g. Remaining Deficiency: 0											
h. Grand Total: 1,186,549											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
179-511		FIRE TRAINING FACILITY		LS		1,550		APR 93		AUG 94	
824-464		SLFI - UPGRADE NATURAL GAS DISTRIBUTION SYSTEM		LS		5,000		JUL 93		APR 94	
TOTAL:						6,550					
9a. Future Projects: Included in the Following Program (FY 1996)											
141-766		SLFI - CHEMICAL TEST AND ANALYSIS LABORATORY		14,600 SF		4,000					
212-213		ADD TO AND ALTER MISSILE MAINTENANCE FACILITY		74,900 SF		9,500					
833-354		REGIONAL COMPOSTING FACILITY		LS		2,000					
TOTAL:						15,500					
9b. Future Projects: Typical Planned Next Three Years:											
130-142		CONSOLIDATED FIRE STATION		7,000 SF		2,000					
171-476		COMBAT ARMS FACILITY		5,000 SF		1,400					
171-621		TECHNICAL TRAINING CLASSROOM		125,000 SF		24,000					
219-000		BASE ENGINEER COMPLEX		108,151 SF		8,600					
312-476		SATELLITE PROCESSING FACILITY		8,600 SF		3,200					
10. Mission or Major Functions: Headquarters Fourteenth Air Force; a space wing (UH-1 helicopters); and an Air Education and Training Command space and missile training squadron.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										4,700	
c. Occupational safety and health:										0	
d. Other Environmental:										2,600	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
VANDENBERG AIR FORCE BASE, CALIFORNIA			FIRE TRAINING FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
3.58.56	179-511	XUMU850038	1,550		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FIRE TRAINING FACILITY	LS			1,050	
SUPPORTING FACILITIES				350	
UTILITIES	LS			(50)	
FUEL STORAGE TANK	LS			(25)	
SITE PREPARATION	LS			(25)	
PAVEMENTS	LS			(250)	
SUBTOTAL				1,400	
CONTINGENCY (5%)				70	
TOTAL CONTRACT COST				1,470	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				88	
TOTAL REQUEST				1,558	
TOTAL REQUEST (ROUNDED)				1,550	
10. Description of Proposed Construction: Construct a fire training facility (FTF) to include a lined, environmentally acceptable fire training pit meeting seismic requirements, with a large frame aircraft simulator, a 1000 gallon liquefied petroleum gas tank, a water conservation pond, an oil/water separator, and a water pump and piping system. Also includes a paved access road to the new site.					
11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA PROJECT: Construct a fire training facility. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. The old fire training pit did not meet the Clean Water Act requirements (40 CFR 122.26) and was closed (in 1989). Construct a crash fire training facility which meets Clean Water Act, Clean Air and RCRA requirements as applicable. Install an impermeable liner below the burn area, a separator, and a nondischarging water holding pond to prevent contamination of soil and groundwater. Live fire training is a quarterly training requirement established by the FAA to maintain a high level of proficiency for the fire fighters. It is Air Force policy to have a fire training facility, which both meets fire training requirements and complies with all applicable environmental requirements, located on every major Air Force installation. CURRENT SITUATION: The base has no fire training facility at present. The old, previously-used live-fire training facility violated US Environmental Protection Agency (EPA) regulations and was closed in July 1989. The old facility, which had no oil/water separator for water, foaming agents and unburned fuels, has been identified as an Installation Restoration Program (IRP) site. Vandenberg fire fighters must travel to Edwards AFB to train, leaving the base undermanned during these periods					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANDENBERG AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
FIRE TRAINING FACILITY	XUMU850038	
<p>because manning levels do not support TDY training. This training approach is not only ineffective in both frequency and quality, but it is also dangerous for Vandenberg, leaving the base less protected. Due to this lack of a proper training facility, Vandenberg fire fighters currently receive only minimal training - less than that required by Air Force Reg 92-1, with a resulting decline in crash fire fighting proficiency.</p> <p>IMPACT IF NOT PROVIDED: Without the availability of on-base fire training, and the stress and realism of live fire conditions which it provides, fire fighting proficiency will continue to decline, and the potential for loss of life and Air Force property will continue to increase. The training of Vandenberg fire fighters at Edwards is an interim, makeshift work-around, and is not acceptable for long term practice. The solution of sending critically needed Vandenberg fire fighting personnel away for training will continue to jeopardize the base and the major launch complex at Vandenberg.</p> <p>ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide" or AFM 86-2, "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANDENBERG AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
FIRE TRAINING FACILITY	XUMU850038	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 19
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 JUL 19
(e) Date Design Complete		94 AUG 01
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		TYNDALL
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		45
(b) All Other Design Costs		62
(c) Total		107
(d) Contract		57
(e) In-house		50
(4) Construction Start		
		94 NOV
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION VANDENBERG AIR FORCE BASE, CALIFORNIA			4. PROJECT TITLE SLFI - UPGRADE NATURAL GAS DISTRIBUTION SYSTEM		
5. PROGRAM ELEMENT 3.51.81	6. CATEGORY CODE 824-464	7. PROJECT NUMBER XUMU950004	8. PROJECT COST(\$000) 5,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
SLFI - UPGRADE NATURAL GAS DISTRIBUTION SYSTEM		LS			4,293
UPGRADE LINES		LF	183,000	21	(3,843)
CATHODIC PROTECTION		LS			(450)
SUBTOTAL					4,293
CONTINGENCY (10%)					429
TOTAL CONTRACT COST					4,722
SUPERVISION, INSPECTION AND OVERHEAD (6%)					283
TOTAL REQUEST					5,005
TOTAL REQUEST (ROUNDED)					5,000
10. Description of Proposed Construction: Replace/upgrade deteriorated natural gas distribution system on the main base area and interconnect the north and south base distribution systems. The work includes gas lines, valves, meters, pressure regulators, and cathodic protection.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Upgrade the natural gas distribution system. (Current Mission) <u>REQUIREMENT:</u> This is a Space Launch Facilities Infrastructure (SLFI) requirement. A reliable natural gas distribution system is needed to provide heat and power for spacelift support facilities. The work includes replacement and upgrading of the old, leaking natural gas distribution system on the main part of the base; and provides a redundant supply for north and south base by interconnecting those two currently existing and separate systems. Redundancy is needed to insure that backup generation capability is sustained during launch operations should a failure occur in the supply line. <u>CURRENT SITUATION:</u> The major portion of Vandenberg's existing natural gas system, which is located primarily in the main base area, is over 45 years old, undersized, and unsafe. During 1992, 25 leaks occurred (typically 1 or 2 per year occur at other bases), and 12 of these created a hazardous condition requiring immediate attention. The system has deteriorated to the point that it is a fire and safety hazard, and causes disruptions in service to critical launch facilities which provide support for mission-critical launch requirements. Use of natural gas to produce heat, steam, and backup power is less expensive than commercial electricity. <u>IMPACT IF NOT PROVIDED:</u> Ruptures in the existing natural gas system pipes could shut down a portion of the gas supply grid, seriously impacting the missile/space launch mission. Potentially serious gas-related fires and					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANDENBERG AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
SLFI - UPGRADE NATURAL GAS DISTRIBUTION SYSTEM	XUMU950004	
<p>explosions could occur, exposing personnel to the risk of serious injury or death.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide" or AFM 86-2, "Standard Facility Requirements". All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, an exception to an economic analysis has been requested. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
VANDENBERG AIR FORCE BASE, CALIFORNIA			
4. PROJECT TITLE		5. PROJECT NUMBER	
SLFI - UPGRADE NATURAL GAS DISTRIBUTION SYSTEM		XUMU950004	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a)	Date Design Started	93 JUL 19	
(b)	Parametric Cost Estimates used to develop costs	Y	
(c)	Percent Complete as of Jan 1994	100%	
(d)	Date 35% Designed.	93 OCT 14	
(e)	Date Design Complete	94 APR 01	
(2) Basis:			
(a)	Standard or Definitive Design -	NO	
(b)	Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a)	Production of Plans and Specifications	300	
(b)	All Other Design Costs	84	
(c)	Total	384	
(d)	Contract	330	
(e)	In-house	54	
(4) Construction Start			94 NOV
b. Equipment associated with this project will be provided from other appropriations: N/A			

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE		
3. INSTALLATION AND LOCATION CLASSIFIED LOCATIONS (INSIDE AND OUTSIDE THE UNITED STATES)						4. COMMAND		5. AREA CONST COST INDEX 0.00		
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED		
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
a. As of 30 SEP 92										
b. End FY 1998										
7. INVENTORY DATA (\$000)										
a. Total Acreage: (0)										
b. Inventory Total As Of: (30 SEP 92)										0
c. Authorization Not Yet In Inventory:										0
d. Authorization Requested In This Program:										6,191
e. Authorization Included In Following Program: (FY 1996)										4,176
f. Planned In Next Three Program Years:										59,226
g. Remaining Deficiency:										0
h. Grand Total:										69,593
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995										
<u>CATEGORY</u>		<u>PROJECT TITLE</u>				<u>SCOPE</u>		<u>COST (\$000)</u>	<u>DESIGN STATUS</u>	
									<u>START</u>	<u>CMPL</u>
100-000	SPECIAL TACTICAL UNIT				LS		2,141			
	DETACHMENT FACILTIY									
217-742	WAR READINESS MATERIEL				10,000 SF		1,300	MAY 92	MAY 94	
	MAINTENANCE/MANAGEMENT FAC									
442-515	WAR READINESS MATERIEL MEDICAL				18,000 SF		2,100	MAY 92	MAY 94	
	STORAGE FACILITY									
452-252	WAR READINESS MATERIEL OPEN				62,000 SF		650	MAY 92	MAY 94	
	STORAGE FACILITY									
TOTAL:							6,191			
9a. Future Projects: Included in the Following Program (FY 1996)										
100-000	HAVE STARE RADAR BEDDOWN				LS		1,000			
100-000	SPECIAL TACTICAL UNIT				LS		3,176			
	DETACHMENT FACILITY									
TOTAL:							4,176			
9b. Future Projects: Typical Planned Next Three Years:										
11. Outstanding pollution and safety (OSH) deficiencies:										
a. Air pollution:										0
b. Water pollution:										0
c. Occupational safety and health:										0
d. Other Environmental:										0

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
CLASSIFIED LOCATION			SPECIAL TACTICAL UNIT DETACHMENT FACILTIY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.72.48	100-000	PAYZ954443	2,141		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
SPECIAL TACTICAL UNIT DETACHMENT FACILTIY		LS			2,141
SUBTOTAL					2,141
TOTAL CONTRACT COST					2,141
TOTAL REQUEST					2,141
TOTAL REQUEST (ROUNDED)					2,141
10. Description of Proposed Construction: Construct a Special Tactical Unit Detachment Facility.					
11. REQUIREMENT: As required. <u>REQUIREMENT</u> : Special Access Required.					

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
PETERSON AIR FORCE BASE, COLORADO				AIR FORCE SPACE COMMAND				1.06			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		1304	1828	1559	8	7	1				4,707
b. End FY 1999		1220	2018	1710	8	7	1				4,964
7. INVENTORY DATA (\$000)											
a. Total Acreage: (1,280)											
b. Inventory Total As Of: (30 SEP 93) 155,171											
c. Authorization Not Yet In Inventory: 42,000											
d. Authorization Requested In This Program: 1,750											
e. Authorization Included In Following Program: (FY 1996) 16,239											
f. Planned In Next Three Program Years: 22,800											
g. Remaining Deficiency: 0											
h. Grand Total: 237,960											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
411-135		UNDERGROUND FUEL STORAGE TANKS		33 EA		1,750		AUG 93		JUN 94	
				TOTAL:		1,750					
9a. Future Projects: Included in the Following Program (FY 1996)											
141-459		COMMAND AND CONTROL SUPPORT FACILITY		41,500 SF		7,839					
610-249		CONSOLIDATED WING OPERATIONS AND SUPPORT FACILITY		32,000 SF		5,000					
721-312		ADD TO AND ALTER DORMITORY		134 PN		3,400					
				TOTAL:		16,239					
9b. Future Projects: Typical Planned Next Three Years:											
130-142		FIRE SUBSTATION		4,600 SF		1,400					
442-758		BASE SUPPLIES & EQUIP WHSE I		39,000 SF		4,200					
610-128		CONSOLIDATED PERSONNEL CENTER		40,000 SF		5,400					
721-312		UNACCOMPANIED ENLISTED PERSONNEL HOUSING		422 PN		11,800					
10. Mission or Major Functions: Headquarters United States Space Command; Headquarters Air Force Space Command; Headquarters North American Air Defense Command; Space and Warning Systems Center; a space wing (C-21 aircraft); and an Air Force Reserve airlift wing (C-130 aircraft).											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION PETERSON AIR FORCE BASE, COLORADO			4. PROJECT TITLE UNDERGROUND FUEL STORAGE TANKS		
5. PROGRAM ELEMENT 3.58.56	6. CATEGORY CODE 411-135	7. PROJECT NUMBER TDKA933010	8. PROJECT COST(\$000) 1,750		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UNDERGROUND FUEL STORAGE TANKS	EA	33		934	
UNDERGROUND STORAGE TANKS	EA	11	50,000	(550)	
ABOVEGROUND STORAGE TANKS	EA	2	20,000	(40)	
ABOVEGROUND STORAGE TANKS	EA	1	230,000	(230)	
TANK REMOVAL/DISPOSAL	EA	19	6,000	(114)	
SUPPORTING FACILITIES				565	
UTILITIES	LS			(15)	
SITE IMPROVEMENTS	LS			(50)	
SOIL REMEDIATION	LS			(500)	
SUBTOTAL				1,499	
CONTINGENCY (10%)				150	
TOTAL CONTRACT COST				1,649	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				99	
TOTAL REQUEST				1,748	
TOTAL REQUEST (ROUNDED)				1,750	
10. Description of Proposed Construction: Remove 19 storage tanks, install 11 new UST, 2 small AST and one 210,000 gallon AST. Install new tanks, lines, pumps, and dispensers. Includes containment, overfill protection, and leak detection systems, soil remediation, site work, utilities and other necessary support.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Remove and replace underground fuel storage tanks. (Current Mission) <u>REQUIREMENT:</u> This is a Level II environmental compliance requirement. All storage tanks which are regulated by 40 CFR 280 are required to be upgraded to new construction standards. The Environmental Protection Agency (EPA) has set standards that require all regulated tanks to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. <u>CURRENT SITUATION:</u> Nineteen existing tanks are identified in the scope of this project: 18 vary in size from 500 gal to 15,000 gal, and one tank has a 210,000 gal capacity. Tank integrity is currently monitored by monthly inventory reconciliation and annual tightness testing. These measures may only be used until Dec 1998, by which time the tanks must have been upgraded. No measures are currently implemented to reliably meet overfill protection and leak containment criteria. <u>IMPACT IF NOT PROVIDED:</u> Without replacement and/or removal, tanks at Peterson AFB will be out of compliance with 1998 deadlines and subject to legal penalties. In addition, the soil in the vicinity of these tanks is likely to be contaminated, a further violation of regulatory standards. Also, failure to comply with new requirements will, in the case of leaking tanks or contaminated soil, result in health hazards.					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
PETERSON AIR FORCE BASE, COLORADO		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	TDKA933010	
<p>ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". This project will complete all regulated underground tank upgrades at this base. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
PETERSON AIR FORCE BASE, COLORADO		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	TDKA933010	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 AUG 16
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		65%
(d) Date 35% Designed.		93 OCT 08
(e) Date Design Complete		94 JUN 17
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		105
(b) All Other Design Costs		116
(c) Total		221
(d) Contract		132
(e) In-house		89
(4) Construction Start		
		94 OCT
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION						4. COMMAND		5. AREA CONST COST INDEX			
DOVER AIR FORCE BASE, DELAWARE						AIR MOBILITY COMMAND		1.03			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		380	3816	1258	64	414	61	2	17	1	6,013
b. End FY 1999		396	3670	1228		13	4	1	11	2	5,325
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,936)											
b. Inventory Total As Of: (30 SEP 93) 214,741											
c. Authorization Not Yet In Inventory: 31,010											
d. Authorization Requested In This Program: 4,600											
e. Authorization Included In Following Program: (FY 1996) 800											
f. Planned In Next Three Program Years: 24,550											
g. Remaining Deficiency: 0											
h. Grand Total: 275,701											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
721-312		DORMITORY		79 PN		4,600		JUL 93		OCT 94	
				TOTAL:		4,600					
9a. Future Projects: Included in the Following Program (FY 1996)											
610-121		VEHICLE OPERATIONS ADMIN		4,100 SF		800					
				TOTAL:		800					
9b. Future Projects: Typical Planned Next Three Years:											
130-142		FIRE/CRASH RESCUE STATION		14,500 SF		2,300					
141-454		SPECIAL OPERATIONS		20,000 SF		2,650					
141-753		SQUADRON OPERATIONS / AIRCRAFT		42,303 SF		6,600					
		MAINTENANCE UNIT (AMU) FAC									
721-312		UNACCOMPANIED ENLISTED HSG		350 PN		4,400					
740-674		ADD TO AND ALTER PHYSICAL		19,600 SF		2,900					
		FITNESS CENTER									
10. Mission or Major Functions: An airlift wing which includes three C-5 squadrons; an Air Force Reserve C-5 associate airlift wing; and the largest aerial port on the east coast. Also, a joint military/civil use airfield.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:		0									
b. Water pollution:		0									
c. Occupational safety and health:		0									
d. Other Environmental:		0									

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
DOVER AIR FORCE BASE, DELAWARE			DORMITORY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.18.96	721-312	FJXT963001	4,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
DORMITORY (79 PN)		SF	27,200	98	2,666
SUPPORTING FACILITIES					1,495
UTILITIES		LS			(225)
SITE IMPROVEMENTS		LS			(150)
PAVEMENTS		SY	5,000	35	(175)
DEMOLITION		SF	105,000	9	(945)
SUBTOTAL					4,161
CONTINGENCY (5%)					208
TOTAL CONTRACT COST					4,369
SUPERVISION, INSPECTION AND OVERHEAD (6%)					262
TOTAL REQUEST					4,631
TOTAL REQUEST (ROUNDED)					4,600
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, structural frame, masonry walls and sloped metal roof. Includes room-bath-room modules, laundries, storage and lounge areas, demolition and asbestos removal/disposal, and necessary support. Air Conditioning: 100 Tons. Grade Mix: 22 E1-E4; 57 E5-E6.					
11. REQUIREMENT: 979 PN ADEQUATE: 775 PN SUBSTANDARD: 1,136 PN PROJECT: Construct a dormitory. (Current Mission) <u>REQUIREMENT:</u> A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. <u>CURRENT SITUATION:</u> There are currently not enough adequate dormitories to meet the billeting requirements for unaccompanied enlisted personnel at this base. Substandard facilities to be replaced are modular facilities which do not provide semi-private baths, adequate control of heating and air conditioning, sufficient noise attenuation or necessary amenities to adequately house enlisted personnel. Upon completion of this project, all dormitories at this base will meet DoD standards. This project includes the demolition of fourteen substandard facilities totalling 104,963 square feet. The current dormitory occupancy rate at Dover is 98 percent. <u>IMPACT IF NOT PROVIDED:</u> Substandard living conditions will persist and morale, productivity and career satisfaction of the enlisted force will continue to be degraded. <u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
DOVER AIR FORCE BASE, DELAWARE		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	FJXT963001	
<p>analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
DOVER AIR FORCE BASE, DELAWARE		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	FJXT963001	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 21
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		94 JAN 12
(e) Date Design Complete		94 OCT 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		276
(b) All Other Design Costs		160
(c) Total		436
(d) Contract		400
(e) In-house		36
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)					2. DATE		
3. INSTALLATION AND LOCATION CAPE CANAVERAL AIR FORCE STATION, FLORIDA			4. COMMAND AIR FORCE SPACE COMMAND			5. AREA CONST COST INDEX 0.98			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL
a. As of 30 SEP 93		135	178	196					
b. End FY 1999		138	179	198					
7. INVENTORY DATA (\$000)									
a. Total Acreage: (20,156)									
b. Inventory Total As Of: (30 SEP 93) 533,856									
c. Authorization Not Yet In Inventory: 63,453									
d. Authorization Requested In This Program: 10,450									
e. Authorization Included In Following Program: (FY 1996) 4,800									
f. Planned In Next Three Program Years: 8,150									
g. Remaining Deficiency: 0									
h. Grand Total: 620,709									
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995									
CATEGORY					COST	DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE			(\$000)	START	CMPL		
211-159	CORROSION CONTROL FACILITY	6,000 SF			1,700	JUL 93	APR 94		
610-811	DELTA LAUNCH OPERATIONS FACILITY	39,000 SF			7,000	JUL 93	JUN 94		
812-224	SLFI - UPGRADE ELECTRICAL DISTRIBUTION SYSTEM	LS			1,750	MAY 93	AUG 94		
TOTAL:					10,450				
9a. Future Projects: Included in the Following Program (FY 1996)									
179-511	FIRE TRAINING FACILITY	LS			1,600				
890-272	SLFI - UPGRADE LAUNCH UTILITY CONTROL SYSTEM	LS			3,200				
TOTAL:					4,800				
9b. Future Projects: Typical Planned Next Three Years:									
141-454	SATELLITE PROCESSING OPERATIONS SUPPORT FACILITY	30,000 SF			4,150				
831-165	SEWAGE TREATMENT & DISPOSAL	LS			4,000				
10. Mission or Major Functions: A space launch squadron and space systems squadron which support operational and test launches of missiles, satellites, and space vehicles in equatorial and synchronous orbits. Also, supports interplanetary space activities, and major tenants such as NASA, and Army, Navy and Coast Guard units.									
11. Outstanding pollution and safety (OSH) deficiencies:									
a. Air pollution: 2,100									
b. Water pollution: 7,000									
c. Occupational safety and health: 0									
d. Other Environmental: 0									

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION CAPE CANAVERAL AIR FORCE STATION, FLORIDA			4. PROJECT TITLE CORROSION CONTROL FACILITY	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
3.58.56	211-159	DBEH953002	1,700	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
CORROSION CONTROL FACILITY	SF	6,000	115	690
SUPPORTING FACILITIES				845
UTILITIES	LS			(100)
PARKING	EA	25	1,600	(40)
SITE IMPROVEMENTS	LS			(130)
DEMOLITION	SF	10,500	19	(200)
VENTILATED PAINT BOOTH	LS			(375)
SUBTOTAL				1,535
CONTINGENCY (5%)				77
TOTAL CONTRACT COST				1,612
SUPERVISION, INSPECTION AND OVERHEAD (6%)				97
TOTAL REQUEST				1,709
TOTAL REQUEST (ROUNDED)				1,700
10. Description of Proposed Construction: A concrete frame structure, with a pitched, standing seam metal roof, and with split face or fluted masonry exterior walls. Interior areas include a blast room, paint spray booth, recycling and encapsulation area, crew room, rest rooms, special ventilation, maintenance area, air compressor room, fire detection and protection as required. Demolition of existing old facilities.				
11. REQUIREMENT: 6,000 SF ADEQUATE: 0 SUBSTANDARD: 10,509 SF <u>PROJECT:</u> Construct a corrosion control facility. (Current Mission) <u>REQUIREMENT:</u> This is a Level I environmental compliance requirement. This facility is needed to provide control of fugitive paint, volatile particulates, and abrasive particulates, in compliance with Florida Department of Environmental Regulation 17-2 and the Federal Clean Air Act of 1990, both of which prohibit practices which allow particulates to become airborne. This project will replace, and consolidate, uncontrolled blasting activities which are currently operating at various base complexes. This project will also provide a single, central facility which will establish and maintain proper environmental controls and meet safety requirements. <u>CURRENT SITUATION:</u> The existing sandblasting and painting operations at Cape Canaveral Air Force Station (CCAFS) are mainly accomplished in the industrial area; however, there are a number of uncontrolled blasting activities at the individual launch complexes. The open-air blasting results in silica concentrations exceeding OSHA standards and can damage sensitive equipment as well as pose a hazard to base personnel. <u>IMPACT IF NOT PROVIDED:</u> The various open-air sandblasting (corrosion control) activities at CCAFS will continue to operate individually and inefficiently. They will continue to be out of compliance with Federal				

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CAPE CANAVERAL AIR FORCE STATION, FLORIDA		
4. PROJECT TITLE		5. PROJECT NUMBER
CORROSION CONTROL FACILITY		DBEH953002
<p>and State regulations, present poor working conditions and a safety hazard for personnel, and have no ability to effectively recycle abrasives or control air emissions and airborne particulates.</p> <p><u>ADDITIONAL:</u> The State of Florida has proposed more stringent regulations to be enacted in the near (2-5 years) future. When that happens, the Air Force will be in violation of state statutes, resulting in fines and penalties. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CAPE CANAVERAL AIR FORCE STATION, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
CORROSION CONTROL FACILITY	DBEH953002	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 20
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 SEP 16
(e) Date Design Complete		94 APR 22
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		100
(b) All Other Design Costs		73
(c) Total		173
(d) Contract		100
(e) In-house		73
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION CAPE CANAVERAL AIR FORCE STATION, FLORIDA			4. PROJECT TITLE DELTA LAUNCH OPERATIONS FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
3.59.96	610-811	DBEH953004	7,000		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
DELTA LAUNCH OPERATIONS FACILITY	SF	39,000		3,930	
TECHNICAL SUPPORT	SF	28,500	90	(2,565)	
MISSILE OPERATIONS	SF	10,500	130	(1,365)	
SUPPORTING FACILITIES				2,340	
SITE IMPROVEMENTS	LS			(120)	
PAVEMENTS	LS			(325)	
UTILITIES	LS			(600)	
EXTERIOR SECURITY/ENTRY CONTROL	LS			(350)	
COMMUNICATIONS DUCTS	LF	17,200	55	(945)	
SUBTOTAL				6,270	
CONTINGENCY (5%)				314	
TOTAL CONTRACT COST				6,584	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				395	
TOTAL REQUEST				6,979	
TOTAL REQUEST (ROUNDED)				7,000	
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(2,000)	
10. Description of Proposed Construction: Slab-on-grade, two story, concrete frame structure, precast concrete exterior walls, and single ply roof. Includes adequate parking, area lighting, utility connections, communications service, landscaping, and fire detection and protection. Air Conditioning: 120 Tons.					
11. REQUIREMENT: 64,724 SF ADEQUATE: 25,724 SF SUBSTANDARD: 35,626 SF PROJECT: Construct a Delta launch operations facility. (Current Mission) REQUIREMENT: This project will provide a safe and adequate permanent facility located outside the Launch Danger Area (LDA) to support Delta launch operations. A soft blockhouse will also be included to provide independent control and monitoring operations. Delta launch vehicles and personnel support the spacelifting of Global Positioning System (GPS) satellites, NASA payloads, and commercial satellites. Personnel perform the preflight process testing and erection of the launch vehicle, integration of spacecraft and launch vehicle, and vehicle launch control. CURRENT SITUATION: The Delta launch team (212 personnel) is operating out of temporary modular facilities which are located within the LDA, resulting in an extremely dangerous work situation. In 1991, a new type of launch vehicle motor was put into operation, requiring the LDA to be increased from 800 feet in diameter to 4,500 feet, and now all these modular facilities fall within this newer, larger LDA. The Department of Defense Explosives Safety Board (ESB) has directed that the Delta work force be relocated outside the LDA. Additionally, these temporary modulars are beyond their design life, have become maintenance intensive, and are nearly impossible to repair. IMPACT IF NOT PROVIDED: Personnel will be subjected to serious risk of injury and possible loss of life during launches. Operations will be in					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CAPE CANAVERAL AIR FORCE STATION, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
DELTA LAUNCH OPERATIONS FACILITY	DBEH953004	
<p>direct violation of the DoD ESB directive and could be shut down, preventing further launches. The interim facilities fail to meet the minimal operational requirements, their design life has been exceeded, and operating from these inadequate, unsafe facilities will continue to adversely affect this mission. Launch operations and productivity will continue to be degraded due to this dangerous working environment.</p> <p><u>ADDITIONAL:</u> A preliminary analysis of reasonable options for accomplishing this project (status quo, lease or purchase of trailers, lease of facility off-base, alternate location on Cape Canaveral AFS, and new construction) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CAPE CANAVERAL AIR FORCE STATION, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
DELTA LAUNCH OPERATIONS FACILITY	DBEH953004	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 JUL 12	
(b) Parametric Cost Estimates used to develop costs	Y	
(c) Percent Complete as of Jan 1994	60%	
(d) Date 35% Designed.	93 SEP 30	
(e) Date Design Complete	94 JUN 13	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):		
(a) Production of Plans and Specifications	390	(\$000)
(b) All Other Design Costs	258	
(c) Total	648	
(d) Contract	469	
(e) In-house	179	
(4) Construction Start		
	94 OCT	
b. Equipment associated with this project will be provided from other appropriations:		
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED
		COST (\$000)
UPS/GENERATOR	3080	95
SECURITY EQUIPMENT	3080	95
FIBER OPTICS	3080	95
CONSOLES	3020	95

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION CAPE CANAVERAL AIR FORCE STATION, FLORIDA			4. PROJECT TITLE SLFI - UPGRADE ELECTRICAL DISTRIBUTION SYSTEM		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
3.51.82	812-224	DBEH963002	1,750		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
SLFI - UPGRADE ELECTRICAL DISTRIBUTION SYSTEM		LF	8,200	100	820
SUPPORTING FACILITIES					695
TRANSFORMERS, CONTROLS, SWITCHGEAR		LS			(650)
DEMOLITION		LS			(45)
SUBTOTAL					1,515
CONTINGENCY (10%)					152
TOTAL CONTRACT COST					1,667
SUPERVISION, INSPECTION AND OVERHEAD (6%)					100
TOTAL REQUEST					1,767
TOTAL REQUEST (ROUNDED)					1,750
10. Description of Proposed Construction: Replace primary overhead electrical distribution lines with underground 15KV lines (8,200 LF) installed in concrete-encased 4 way duct bank. Replace existing oil transfer switch station with vacuum switches. Replace existing load center/unit substations at each pad. Demolish O/H poles and lines.					
11. REQUIREMENT: As required. PROJECT: Upgrade electrical distribution system at Atlas Launch Complex. (Current Mission) REQUIREMENT: This is a Space Launch Facilities Infrastructure (SLFI) requirement. Provide adequate reliable electrical power to the Atlas launch facilities. The Atlas launch program supports the Defense Satellite Communication System (DSCS), classified users, and commercial users. CURRENT SITUATION: The existing electrical overhead distribution system (8,200 LF) is over 30 years old. Due to the age of the overhead line and its location in a hostile marine environment, constant maintenance is required to replace deteriorated poles and failed insulators, and repair/replace conductors after burn down. The majority of the power centers, circuit breakers, feeders and lighting panels at the Atlas launch complex are obsolete, unsafe, and not maintainable. The existing feeder from the blockhouse to the pad is well beyond its service life, unreliable and a singularly troublesome item. There is no backup power capability for critical launch support equipment. IMPACT IF NOT PROVIDED: Continuing to operate at the Atlas launch facilities, using the existing power grid and outdated equipment, creates an unacceptable risk of a major disruption to launch capability from an electrical system failure. This could adversely impact the Atlas launch					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CAPE CANAVERAL AIR FORCE STATION, FLORIDA		
4. PROJECT TITLE		5. PROJECT NUMBER
SLFI - UPGRADE ELECTRICAL DISTRIBUTION SYSTEM		DBEH963002
<p>program by causing launch delays, which could cost at least \$200,000 per day, and loss of critical launch pad time that would impact the schedule for all future launches.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in AFM 86-2 "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CAPE CANAVERAL AIR FORCE STATION, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
SLFI - UPGRADE ELECTRICAL DISTRIBUTION SYSTEM	DBEH963002	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 MAY 01	
(b) Parametric Cost Estimates used to develop costs	Y	
(c) Percent Complete as of Jan 1994	35%	
(d) Date 35% Designed.	93 SEP 14	
(e) Date Design Complete	94 AUG 12	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	94	
(b) All Other Design Costs	73	
(c) Total	167	
(d) Contract		
(e) In-house	167	
(4) Construction Start		
	94 NOV	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST COST INDEX				
EGLIN AIR FORCE BASE, FLORIDA				AIR FORCE MATERIEL COMMAND			0.73				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		1516	6541	3854							11,911
b. End FY 1999		1529	6641	4106							12,276
7. INVENTORY DATA (\$000)											
a. Total Acreage: (456,483)											
b. Inventory Total As Of: (30 SEP 93) 480,418											
c. Authorization Not Yet In Inventory: 24,110											
d. Authorization Requested In This Program: 20,000											
e. Authorization Included In Following Program: (FY 1996) 6,600											
f. Planned In Next Three Program Years: 26,750											
g. Remaining Deficiency: 0											
h. Grand Total: 557,878											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY											
CODE		PROJECT TITLE			SCOPE		COST (\$000)		DESIGN STATUS		
									START		CMPL
310-926		RENOVATE CLIMATIC TEST CHAMBER			136,500 SF		20,000		JUL 91		MAY 93
		PHASE III									
TOTAL:							20,000				
9a. Future Projects: Included in the Following Program (FY 1996)											
111-111		REPAIR RUNWAY			335,000 SY		5,400				
871-183		UPGRADE STORM DRAINAGE SYSTEM			LS		1,200				
TOTAL:							6,600				
9b. Future Projects: Typical Planned Next Three Years:											
113-321		REPLACE AIRCRAFT PARKING APRON			90,000 SF		8,000				
211-147		HOT GUN LINE AIRCRAFT			29,700 SF		2,000				
		CALIBRATION SHELTER									
317-315		ADD TO TEST FACILITY FOR LCMA			4,000 SF		600				
721-312		RENOVATE DORMITORY			550 PN		6,000				
811-147		EMERGENCY POWER PLANT			4,800 KW		1,450				
10. Mission or Major Functions: Air Force Development Test Center (primary aircraft include AT-38, F-15, F-16, F-111, RF-4, T-38, NC-130, and UH-1); a test wing; Air Combat Command fighter wing with three F-15 squadrons and USAF Air Warfare Center (F-15 and F-16 aircraft); and an Air Force Special Operations Command special operations squadron (HC-130 aircraft). Major tenants include US Navy's Explosive Ordnance Disposal School and a Federal Bureau of Prisons medium security facility.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
EGLIN AIR FORCE BASE, FLORIDA			RENOVATE CLIMATIC TEST CHAMBER PHASE III		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
6.47.55	310-926	FTFA933027	20,000		

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
RENOVATE CLIMATIC TEST CHAMBER PHASE III	SF	136,500	310	42,315
SUPPORTING FACILITIES				11,025
UTILITIES	LS			(5,325)
MONITORING AND CONTROL SYSTEM	LS			(1,945)
FIRE PROTECTION	LS			(2,475)
MISCELLANEOUS SUPPORT	LS			(795)
PAVEMENTS	LS			(220)
SITE IMPROVEMENTS	LS			(265)
SUBTOTAL				53,340
CONTINGENCY (10%)				5,334
TOTAL CONTRACT COST				58,674
SUPERVISION, INSPECTION AND OVERHEAD (6%)				3,520
TOTAL REQUEST				62,194
TOTAL REQUEST (ROUNDED)				62,000
LESS FY93 AUTHORIZATION/APPROPRIATION				-5,000
LESS FY94 AUTHORIZATION/APPROPRIATION				-37,000
FY95 AUTHORIZATION FOR APPROPRIATION REQUEST				20,000
FY95 APPROPRIATION REQUEST				20,000

10. Description of Proposed Construction: Renovate equipment and main test chambers including replacement of wall, ceiling and floor systems, access doors, electrical and monorail lift systems and provide AFFF fire protection system, and elevators. Renovate engineering and work areas; provide new air make-up unit and monitoring and control system. Upgrade electric service and provide necessary support.

Air Conditioning: 1000 Tons.

11. REQUIREMENT: 140,000 SF ADEQUATE: 3,500 SF SUBSTANDARD: 136,500 SF
PROJECT: Renovate a climatic test chamber, phase 3 of 3. (Current Mission)

REQUIREMENT: A facility is required for the complete environmental testing of aircraft, equipment and weapon systems to simulate the extreme weather conditions that may be encountered anywhere on earth. Performance, durability, reliability and operating parameters must be evaluated under all weather conditions, including rain, wind, fog, snow, ice and extreme heat or cold. The facility must have a make-up air system capable of maintaining temperature and humidity needed for climatic testing of Army, Navy and Air Force weapon systems and equipment.

CURRENT SITUATION: This facility was built over forty years ago during World War II and is currently the only facility in existence that performs the full scale environmental testing of the largest aircraft in the Air Force inventory. The extreme conditions created in the chamber are causing rapid and severe deterioration of the ceiling, wall, floor and duct systems. Deterioration of the vapor barrier causes severe icing conditions within the chamber, resulting in considerable hazards to personnel and equipment. The electrical system has deteriorated to the point of being unsafe and no longer meets minimum code requirements.

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE																
AIR FORCE																			
3. INSTALLATION AND LOCATION																			
EGLIN AIR FORCE BASE, FLORIDA																			
4. PROJECT TITLE		5. PROJECT NUMBER																	
RENOVATE CLIMATIC TEST CHAMBER PHASE III		FTFA933027																	
<p>Band-aid repairs to this facility are no longer effective.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Climatic testing will have to be curtailed at this facility within a few years, making the reliability of much of the new equipment being developed for the US Armed Forces suspect.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of new construction, revitalization, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost efficient over the life of the project. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide", or in Air Force Manual 86-2, "Standard Facility Requirements". Congress reduced the funding of this project by \$20.0M in the FY94 MILCON appropriation bill. However, they directed the Air Force to program \$20.0 in the FY95 MILCON program.</p>																			
<p style="text-align: center;">AUTHORIZATION AND APPROPRIATION SUMMARY</p> <table border="1"> <thead> <tr> <th></th> <th>APPROVED BY CONGRESS FY 93</th> <th>APPROVED BY CONGRESS FY 94</th> <th>REQUESTED FY 95</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZATION OF THE PROJECT</td> <td>64.0M</td> <td>0</td> <td>0</td> </tr> <tr> <td>AUTHORIZATION FOR APPROPRIATION</td> <td>5.0M</td> <td>37.0M</td> <td>20.0M</td> </tr> <tr> <td>APPROPRIATION</td> <td>5.0M</td> <td>37.0M</td> <td>20.0M</td> </tr> </tbody> </table>					APPROVED BY CONGRESS FY 93	APPROVED BY CONGRESS FY 94	REQUESTED FY 95	AUTHORIZATION OF THE PROJECT	64.0M	0	0	AUTHORIZATION FOR APPROPRIATION	5.0M	37.0M	20.0M	APPROPRIATION	5.0M	37.0M	20.0M
	APPROVED BY CONGRESS FY 93	APPROVED BY CONGRESS FY 94	REQUESTED FY 95																
AUTHORIZATION OF THE PROJECT	64.0M	0	0																
AUTHORIZATION FOR APPROPRIATION	5.0M	37.0M	20.0M																
APPROPRIATION	5.0M	37.0M	20.0M																

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
EGLIN AIR FORCE BASE, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
RENOVATE CLIMATIC TEST CHAMBER PHASE III	FTFA933027	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		91 JUL 26
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		100%
(d) Date 35% Designed.		91 DEC 16
(e) Date Design Complete		93 MAY 03
(2) Basis:		
(a) Standard or Definitive Design -		
(b) Where Design Was Most Recently Used -		
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		
(b) All Other Design Costs		
(c) Total		
(d) Contract		
(e) In-house		
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST			
TYNDALL AIR FORCE BASE, FLORIDA				AIR EDUCATION AND TRAINING COMMAND				COST INDEX			
								0.75			
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		789	3838	951	143	167		7	3	27	5,925
b. End FY 1999		754	3722	964	143	167		7	3	27	5,787
7. INVENTORY DATA (\$000)											
a. Total Acreage: (28,906)											
b. Inventory Total As Of: (30 SEP 93) 233,924											
c. Authorization Not Yet In Inventory: 1,295											
d. Authorization Requested In This Program: 5,600											
e. Authorization Included In Following Program: (FY 1996) 3,750											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 244,569											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
130-835		SECURITY POLICE OPERATIONS		13,450 SF		2,400		NOV 93		SEP 94	
442-758		ADD TO BASE SUPPLY AND EQUIPMENT WAREHOUSE		58,500 SF		3,200		MAY 87		SEP 94	
TOTAL:						5,600					
9a. Future Projects: Included in the Following Program (FY 1996)											
149-962		CONTROL TOWER		1 EA		2,700					
179-511		FIREMEN TRAINING FACILITY		1 EA		1,050					
TOTAL:						3,750					
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: A fighter wing with three F-15 squadrons which is responsible for training all F-15 aircrews; Air Combat Command's Headquarters First Air Force, weapons evaluation group, tactical aerial targets squadron (QF-106 aircraft) and Southeast Air Defense Sector; NORAD's CONUS Region Operations Control Center; the Air Force Civil Engineering Support Agency; and an Air National Guard fighter interceptor detachment (F-15 aircraft). Also, the temporary beddown location for the Water Survival School.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										6,000	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
TYNDALL AIR FORCE BASE, FLORIDA			SECURITY POLICE OPERATIONS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.75.96C	130-835	XLWU903030	2,400		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
SECURITY POLICE OPERATIONS	SF	17,350		1,703	
SECURITY POLICE CONTROL CENTER	SF	13,500	105	(1,418)	
COMBAT ARMS TRAINING & MAINT FAC	SF	3,850	74	(285)	
SUPPORTING FACILITIES				450	
VAULT & CELLS	LS			(90)	
DEMOLITION	SF	13,300	4	(55)	
RANGE COVER SUPPORTS & ROOF	LS			(35)	
PAVEMENTS	LS			(135)	
UTILITIES	LS			(135)	
SUBTOTAL				2,153	
CONTINGENCY (5%)				108	
TOTAL CONTRACT COST				2,261	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				124	
TOTAL REQUEST				2,385	
TOTAL REQUEST (ROUNDED)				2,400	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel frame with masonry walls, pitched roof system, all utilities, parking, and necessary support for the new complex. Work to include interior renovation of Security Control Center and replacement of firing range cover supports and roof. Four facilities will be demolished. Air Conditioning: 80 Tons.					
11. REQUIREMENT: 21,841 SF ADEQUATE: 1,200 SF SUBSTANDARD: 18,275 SF PROJECT: Security Police Operations facility. (Current Mission) REQUIREMENT: An adequate facility is required to centrally house major functions supporting the security police mission. A combat arms training and maintenance facility is required to support the small arms range. An adequate central security control center is required adjacent to restricted areas containing high security resources. CURRENT SITUATION: The major operational functions of the 325th Security Police Squadron are conducted out of three different facilities dispersed around the base. Command and control, a vital element of security police operations, is hampered by having to operate out of these separated buildings. Arms, equipment, and personnel are located in separate facilities thus delaying rapid issue of items required to provide adequate and timely security response to emergencies. Timely information flow between security police operational elements is rarely achieved and administrative distribution alone requires one to two people, plus transportation, and several hours per day to accomplish. These buildings are 1943 vintage, awkwardly arranged, energy inefficient and require an excessive amount of maintenance. The existing combat arms training and maintenance facility was constructed in 1950. The classroom and office space is inadequate for the size of classes conducted today and it is					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TYNDALL AIR FORCE BASE, FLORIDA		
4. PROJECT TITLE		5. PROJECT NUMBER
SECURITY POLICE OPERATIONS		XLWU903030
<p>located across a main thoroughfare from the ranges. Range covers and supports require significant upgrade. The central security control center existing floor plan does not provide for efficient space utilization and it lacks a secure foyer. This project will result in the demolition of four facilities totaling 13,294 SF.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The mission will continue to be adversely affected by poor information flow; unrealistic span of control; dispersed command communications capabilities and a less than desired public customer service image. The quality of life in the work environment will continue to be substandard, negating the Air Force's new quality initiatives.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TYNDALL AIR FORCE BASE, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
SECURITY POLICE OPERATIONS	XLWU903030	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 NOV 24
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		30%
(d) Date 35% Designed.		94 FEB 15
(e) Date Design Complete		94 SEP 30
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		KEESLER
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		104
(b) All Other Design Costs		88
(c) Total		192
(d) Contract		134
(e) In-house		58
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION TYNDALL AIR FORCE BASE, FLORIDA			4. PROJECT TITLE ADD TO BASE SUPPLY & EQUIPMENT WAREHOUSE		
5. PROGRAM ELEMENT 2.75.96C	6. CATEGORY CODE 442-758	7. PROJECT NUMBER XLWU903038	8. PROJECT COST(\$000) 3,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ADD TO BASE SUPPLIES & EQUIP WHSE		SF	58,500	42	2,457
SUPPORTING FACILITIES					435
UTILITIES		LS			(140)
SITE IMPROVEMENTS		LS			(80)
PARKING		LS			(95)
DEMOLITION		SF	20,000	6	(120)
SUBTOTAL					2,892
CONTINGENCY (5%)					145
TOTAL CONTRACT COST					3,037
SUPERVISION, INSPECTION AND OVERHEAD (6%)					182
TOTAL REQUEST					3,219
TOTAL REQUEST (ROUNDED)					3,200
10. Description of Proposed Construction: Concrete slab floor, steel frame, masonry and corrugated metal walls, steel roof framing and a metal roof to join two existing warehouse structures. Includes all associated parking, demolition, utilities, and necessary support. Air Conditioning: 50 Tons.					
11. REQUIREMENT: 184,639 SF ADEQUATE: 0 SUBSTANDARD: 124,668 SF PROJECT: Add to Base Supply and Equipment Warehouse. (Current Mission) REQUIREMENT: A facility of adequate size and configuration is required for the storage of bulk and bin items to support base and flying missions. Functions associated with these support activities include contracting for receiving, processing, storing, controlling and issuing materials and supplies. CURRENT SITUATION: The base supply general purpose storage is housed in seven separate buildings. These dispersed facilities are of inadequate size and create inefficient handling and management of the materials and equipment supporting base missions. Four of the existing warehouses are wood frame structures built in 1940 and contain numerous interior wood columns which further reduces available space and efficiency. Base supply does not have a temperature controlled area and is presently borrowing cold storage space from a tenant activity on the base. This project will result in the demolition of one building with 20,000 SF. IMPACT IF NOT PROVIDED: Inefficient operation in dispersed substandard facilities will continue. Management and handling of material and equipment supplying Tyndall AFB's missions will be strained to meet mission needs. ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However,					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TYNDALL AIR FORCE BASE, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ADD TO BASE SUPPLY & EQUIPMENT WAREHOUSE	XLWU903038	
<p>this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TYNDALL AIR FORCE BASE, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ADD TO BASE SUPPLY & EQUIPMENT WAREHOUSE	XLWU903038	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	87 MAY 15	
(b) Parametric Cost Estimates used to develop costs	Y	
(c) Percent Complete as of Jan 1994	30%	
(d) Date 35% Designed.	94 FEB 15	
(e) Date Design Complete	94 SEP 30	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	120	
(b) All Other Design Costs	136	
(c) Total	256	
(d) Contract	179	
(e) In-house	77	
(4) Construction Start 95 MAR		
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST COST INDEX				
MOODY AIR FORCE BASE, GEORGIA				AIR COMBAT COMMAND			0.85				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		299	2656	389	9	25	6			1	3,385
b. End FY 1999		383	3040	460		106					3,989
7. INVENTORY DATA (\$000)											
a. Total Acreage: (5,931)											
b. Inventory Total As Of: (30 SEP 93) 124,945											
c. Authorization Not Yet In Inventory: 8,780											
d. Authorization Requested In This Program: 11,800											
e. Authorization Included In Following Program: (FY 1996) 27,030											
f. Planned In Next Three Program Years: 11,050											
g. Remaining Deficiency: 0											
h. Grand Total: 183,605											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START	CMPL		
113-321	UPGRADE AIRFIELD PAVEMENTS			93,000	SY	8,000		SEP 93	SEP 94		
721-312	DORMITORY			156	PN	3,800		SEP 93	SEP 94		
TOTAL:						11,800					
9a. Future Projects: Included in the Following Program (FY 1996)											
111-111	IMPROVE RUNWAY 18L-36R			LS		6,000					
111-111	EXTEND RUNWAY			LS		6,000					
141-232	AERIAL DELIVERY FACILITY			LS		4,600					
141-753	SQUADRON OPERATIONS FACILITY			20,000	SF	3,200					
149-962	CONTROL TOWER			1	EA	2,500					
211-159	LARGE AIRCRAFT WASHRACK FACILITY			32,100	SF	1,700					
442-758	BASE SUPPLIES & EQUIP WHSE			16,800	SF	1,600					
442-758	MISSION EQUIPMENT STORAGE FACILITY			11,000	SF	900					
871-183	STORM DRAINAGE FACILITIES			LS		530					
TOTAL:						27,030					
9b. Future Projects: Typical Planned Next Three Years:											
130-835	SECURITY POLICE FACILITY			13,700	SF	1,500					
610-129	WEAPONS SYSTEMS MAINT MGT FAC			45,000	SF	4,000					
722-351	DINING FACILITY			10,000	SF	1,500					
740-675	RECREATION LIBRARY			8,000	SF	1,050					
880-211	FIRE PROTECTION			168,423	SF	3,000					
10. Mission or Major Functions: A fighter wing with two fighter squadrons (F-16 aircraft). The temporary beddown location of two F-16 squadrons from Homestead AFB, FL. Also, one of the primary bases for the beddown of a composite wing (two F-16 squadrons, one A/OA-10 squadron, and one C-130 squadron).											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution: 1,500											
b. Water pollution: 1,500											
c. Occupational safety and health: 0											
d. Other Environmental: 1,500											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
MOODY AIR FORCE BASE, GEORGIA			UPGRADE AIRFIELD PAVEMENTS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.11.15	113-321	HACC953034	8,000		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE AIRFIELD PAVEMENTS	SY	93,000		5,280	
UPGRADE C-130 PRIMARY TAXIWAYS	SY	33,000	70	(2,310)	
UPGRADE INTERIOR RNWY TOUCHDOWNS	SY	33,400	70	(2,338)	
REPAIR INTERIOR RNWY OVERRUNS	SY	16,600	20	(332)	
CONSTRUCT C-130 PAVED SHOULDERS	SY	10,000	30	(300)	
SUPPORTING FACILITIES				1,615	
SITE PREPARATION	LS			(500)	
AIRFIELD LIGHTING SYSTEMS	LS			(200)	
ELECTRICAL DISTRIBUTION SYSTEM	LS			(350)	
WATER TOWER (270,000 GAL)	LS			(565)	
SUBTOTAL				6,895	
CONTINGENCY (10%)				690	
TOTAL CONTRACT COST				7,585	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				455	
TOTAL REQUEST				8,040	
TOTAL REQUEST (ROUNDED)				8,000	
10. Description of Proposed Construction: Replace/upgrade deteriorated and weak primary taxiways and interior runway touchdowns with 15 inches of new concrete pavement. Mill and overlay interior runway overruns with two inches of asphalt pavement. Construct asphalt shoulders with minimum of four inches of base material. Restripe runway, taxiway, and overruns as needed. Install airfield lighting, electrical system and water tower.					
11. REQUIREMENT: As required.					
<u>PROJECT</u> : Upgrade airfield pavements and construct new shoulders. (New Mission)					
<u>REQUIREMENT</u> : Adequate taxiways and runways of sufficient strength are essential to provide a suitable surface for taxiing and parking the newly assigned aircraft in support of the CSAF initiative to beddown a Composite Wing at Moody AFB. In addition, paved shoulders are required to reduce and prevent foreign object damage (FOD) to mission aircraft as a result of C-130 operations. New airfield lighting will be needed on the new shoulders and existing deteriorated runway lighting must be replaced. An electrical distribution system and 250,000 gallon water tower are required to support new adjacent facilities in the C-130 complex.					
<u>CURRENT SITUATION</u> : The condition of the existing taxiways and runway touchdowns are deteriorated, and of insufficient thickness (6-10 inches) to support the increased wheel loads associated with the new mission aircraft. With the heavier load of C-130 aircraft, the taxiways and touchdowns will rapidly deteriorate creating a high FOD potential to aircraft. The Air Force Civil Engineering Support Agency (AFCEA) evaluation team rated these pavement areas from fair to poor. In addition, there are no paved shoulders along primary taxiways and parking apron to help reduce FOD as a result of C-130 operations. Existing					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MOODY AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE		5. PROJECT NUMBER
UPGRADE AIRFIELD PAVEMENTS		HACC953034
<p>utilities and infrastructure are inadequate or do not exist to support C-130 facilities programmed to support the beddown of the Composite Wing.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The primary taxiways and runway touchdowns will deteriorate at an accelerated rate, increasing the probability of a major aircraft mishap. The new mission aircraft will increase the likelihood of periodic pavement failures, thus directly affecting mission capabilities. Without paved shoulders, the possibility of FOD damage to mission aircraft is very high. This will eventually have an adverse impact on the base's mission capability. New airfield lighting must be provided or all aircraft operations will be limited to daylight hours only. The electrical distribution system and the water tower must be provided or adjacent C-130 support facilities will not be operational.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MOODY AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE AIRFIELD PAVEMENTS	HACC953034	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 SEP 30
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 DEC 15
(e) Date Design Complete		94 SEP 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		228
(b) All Other Design Costs		412
(c) Total		640
(d) Contract		
(e) In-house		640
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
MOODY AIR FORCE BASE, GEORGIA			DORMITORY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.11.15	721-312	HACC953033	3,800		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
DORMITORY (156 PN)		SF	29,600	90	2,664
SUPPORTING FACILITIES					735
UTILITIES		LS			(195)
SITE IMPROVEMENTS		LS			(195)
PAVEMENTS		LS			(195)
FIRE PROTECTION		LS			(150)
SUBTOTAL					3,399
CONTINGENCY (5%)					170
TOTAL CONTRACT COST					3,569
SUPERVISION, INSPECTION AND OVERHEAD (6%)					214
TOTAL REQUEST					3,783
TOTAL REQUEST (ROUNDED)					3,800
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, concrete framed facility, insulated maintenance-free exterior masonry walls, and standing seam metal roof. Includes room-bath-room modules, laundries, storage, lounge areas, fire protection, exterior site work and all necessary support work. Air Conditioning: 130 Tons. Grade Mix: 156 E1-E4.					
11. REQUIREMENT: 1,396 PN ADEQUATE: 742 PN SUBSTANDARD: 152 PN PROJECT: Construct a dormitory. (New Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters with some degree of individual privacy are essential for the successful accomplishment of the increasingly complicated and important jobs these people must perform. The CSAF initiative to establish an air/land battlefield operation composite wing consisting of C-130s, A/OA-10s, and F-16s at Moody AFB is projected to add nearly 365 enlisted personnel. CURRENT SITUATION: With the stand-up of a Composite Wing at Moody AFB, the base will have a significant increase in manpower. This increase will exacerbate the existing shortfall of junior enlisted personnel dormitory spaces for E-1 to E-4s causing the deficit of bed spaces to increase from 346 to 502. This project will support the increase associated with the new mission only and the current deficit of 346 spaces will remain. In addition, the recent housing market analysis and the lessons learned during the emergency beddown of F-16s and personnel from Homestead AFB caused by Hurricane Andrew, showed that adequate housing is not available in the local community to support E-1 to E-4 personnel. IMPACT IF NOT PROVIDED: Adequate living quarters will continue to be					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MOODY AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE		5. PROJECT NUMBER
DORMITORY		HACC953033
<p>unavailable resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. This may significantly impact the capability and effectiveness of the new Wing.</p> <p><u>ADDITIONAL:</u> All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MOODY AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	HACC953033	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 SEP 28
(b) Parametric Cost Estimate used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 DEC 15
(e) Date Design Complete		94 SEP 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		278
(b) All Other Design Costs		26
(c) Total		304
(d) Contract		228
(e) In-house		76
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)								2. DATE	
AIR FORCE											
3. INSTALLATION AND LOCATION						4. COMMAND				5. AREA CONST	
ROBINS AIR FORCE BASE, GEORGIA						AIR FORCE MATERIEL COMMAND				COST INDEX 0.95	
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		754	3150	13599							17,503
b. End FY 1999		726	3044	10365	13			5	1	61	14,215
7. INVENTORY DATA (\$000)											
a. Total Acreage: (8,720)											
b. Inventory Total As Of: (30 SEP 93) 521,999											
c. Authorization Not Yet In Inventory: 45,400											
d. Authorization Requested In This Program: 16,500											
e. Authorization Included In Following Program: (FY 1996) 15,170											
f. Planned In Next Three Program Years: 92,650											
g. Remaining Deficiency: 0											
h. Grand Total: 691,719											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
610-285		JSTARS ADD TO INTEGRATED SUPPORT FACILITY		LS		3,100		JUL 93		MAR 94	
721-312		JSTARS DORMITORIES		294 PN		5,525		JUL 93		MAR 94	
723-388		JSTARS EXPANDED FLIGHT KITCHEN		8,800 SF		1,850		JUL 93		MAR 94	
850-000		JSTARS UTILITIES/MISCELLANEOUS SUPPORT		LS		3,825		JUL 93		MAR 94	
871-183		UPGRADE STORM DRAINAGE SYSTEM		LS		2,200		JUN 93		AUG 94	
TOTAL:						16,500					
9a. Future Projects: Included in the Following Program (FY 1996)											
211-179		FUEL SYSTEMS MAINTENANCE DOCK		35,000 SF		6,870					
610-675		ALTER WEAPON SYSTEMS SUPPORT CENTER		370,000 SF		4,700					
831-168		DEPOT HAZARDOUS WASTE PROCESSING FACILITY		32,000 SF		3,600					
TOTAL:						15,170					
9b. Future Projects: Typical Planned Next Three Years:											
113-321		J-STARS APRON & HYDRANTS SYSTEM		LS		9,000					
141-753		J-STARS SQUADRON OPERATIONS FACILITY PHASE II		32,000 SF		4,800					
211-111		J-STARS RELOCATE FAA TOWERS AND BUILDINGS		LS		350					
211-154		DEPOT PLANT SERVICES COMPLEX		87,000 SF		7,900		TURN KEY			
211-154		J-STARS AIRCRAFT MAINTENANCE UNIT		12,000 SF		1,600					
10. Mission or Major Functions: Warner Robins Air Logistics Center which is responsible for logistics management, support, & depot-level maintenance of F-15, C-130, & C-141 aircraft, helicopters, and avionics and electronic warfare systems; HQ AFRES; AMC air refueling wing with two KC-135 squadrons; ACC combat communications group; & an Air Force Space Command missile warning squadron which operates one of the Phased Array Warning System (Pave PAWS) radars. Also, ACC's main operating base for the Joint Surveillance & Target Attack Radar System (JSTARS) aircraft.											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
ROBINS AIR FORCE BASE, GEORGIA				AIR FORCE MATERIEL COMMAND				0.95			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of											
b. End FY											
7. INVENTORY DATA (\$000)											
a. Total Acreage:											
b. Inventory Total As Of:											
c. Authorization Not Yet In Inventory:											
d. Authorization Requested In This Program:											
e. Authorization Included In Following Program:											
f. Planned In Next Three Program Years:											
g. Remaining Deficiency:											
h. Grand Total:											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:								6,000			
b. Water pollution:								1,400			
c. Occupational safety and health:								0			
d. Other Environmental:								3,600			

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ROBINS AIR FORCE BASE, GEORGIA			JSTARS ADD TO INTEGRATED SUPPORT FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
6.47.70 TIARA	610-285	UHHZ953017	3,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
JSTARS ADD TO INTEGRATED SUPPORT FACILITY		LS			1,880
INTEGRATED SUPPORT FACILITY		SF	14,000	120	(1,680)
PREWIRED WORKSTATIONS		LS			(200)
SUPPORTING FACILITIES					900
UTILITIES		LS			(150)
SITE IMPROVEMENTS		LS			(150)
PAVEMENTS		LS			(200)
SPECIAL FOUNDATIONS		LS			(400)
SUBTOTAL					2,780
CONTINGENCY (5%)					139
TOTAL CONTRACT COST					2,919
SUPERVISION, INSPECTION AND OVERHEAD (6%)					175
TOTAL REQUEST					3,094
TOTAL REQUEST (ROUNDED)					3,100
10. Description of Proposed Construction: Special foundations for expandable soil, concrete floor slab, structural steel framework, concrete masonry unit walls with roof system, maintenance free exterior finish, HVAC and electrical system. Facility includes computer and terminal areas, disk and tape storage area, electronic security, and software maintenance space. Project includes all utilities and necessary support. Air Conditioning: 40 Tons.					
11. REQUIREMENT: 189,332 LS ADEQUATE: 175,332 LS SUBSTANDARD: 0 PROJECT: Add to the Joint Surveillance Target Attack Radar System (JSTARS) Integrated Support Facility (ISF). (New Mission) REQUIREMENT: Adequate ISF laboratory space is needed to complete the mission simulator/software support facility's (FY 92 MILCON) capability to test and develop JSTARS hardware and software. Space is required for depot-level software maintenance. Lab space must be environmentally controlled to house computer systems used to maintain JSTARS equipment. The ISF must be contiguous with the mission simulator/software support facility, so the depot and organic software functions can share computers and associated hardware. CURRENT SITUATION: Existing facilities are fully utilized and do not have sufficient space to accommodate additional computer equipment and personnel. Additionally, the special software and computer system integration capability that this project supports will be unique to the Air Force. Currently, the system contractor performs software maintenance for JSTARS. IMPACT IF NOT PROVIDED: The Air Force will be tied to contractor support for the life of the system at a net cost of \$89 million over the in-house organic costs. The Air Force use of the prime contractor for logistics					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
ROBINS AIR FORCE BASE, GEORGIA			
4. PROJECT TITLE		5. PROJECT NUMBER	
JSTARS ADD TO INTEGRATED SUPPORT FACILITY		UHHZ953017	
<p>support of all depot-level software maintenance will be at a projected annual cost of \$5.6 million above the in-house operating costs. Additionally, the contractors start-up cost proposal for maintenance logistics support is over \$5 million above the Air Force organic start-up costs.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared.</p>			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
JSTARS ADD TO INTEGRATED SUPPORT FACILITY	UHHZ953017	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 30
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 SEP 16
(e) Date Design Complete		94 MAR 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		186
(b) All Other Design Costs		93
(c) Total		279
(d) Contract		195
(e) In-house		84
(4) Construction Start		95 MAR
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			4. PROJECT TITLE JSTARS DORMITORIES		
5. PROGRAM ELEMENT 6.47.70 TIARA	6. CATEGORY CODE 721-312	7. PROJECT NUMBER UHHZ953015	8. PROJECT COST(\$000) 5,525		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
JSTARS DORMITORIES (294 PN)		SF	56,000	70	3,920
SUPPORTING FACILITIES					1,045
UTILITIES		LS			(375)
SITE IMPROVEMENTS		LS			(250)
PAVEMENTS		SY	12,000	35	(420)
SUBTOTAL					4,965
CONTINGENCY (5%)					248
TOTAL CONTRACT COST					5,213
SUPERVISION, INSPECTION AND OVERHEAD (6%)					313
TOTAL REQUEST					5,526
TOTAL REQUEST (ROUNDED)					5,525
10. Description of Proposed Construction: Construct two structures with reinforced concrete foundation and floor slabs, maintenance free exterior masonry walls and standing seam metal roof. Includes room-bath-room modules, laundries, storage and lounge areas, all utilities, fire protection, exterior site work and necessary supporting facilities. Air Conditioning: 150 Tons. Grade Mix: 294 E1-E4.					
11. REQUIREMENT: 1,603 PN ADEQUATE: 960 PN SUBSTANDARD: 284 PN PROJECT: Construct two Joint Surveillance Target Attack Radar System (JSTARS) dormitories. (New Mission) REQUIREMENT: The dormitories are needed to house unaccompanied enlisted personnel assigned to support the new JSTARS squadrons at this base. A major Air Force objective is to provide unaccompanied enlisted personnel with housing that is conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters, which provide some degree of individual privacy, are essential to the successful accomplishment of the increasingly complicated jobs these people must perform. CURRENT SITUATION: Existing Robins Air Force Base dormitories are at capacity. No dormitory space is available to house the JSTARS personnel who will be stationed at Robins and there is insufficient affordable housing available in the off-base community. The average cost of off-base housing for our junior unaccompanied enlisted (E1-E4) personnel is \$525 to \$617 per month. Much of the off-base housing that is affordable for the junior enlisted personnel is considered unsuitable due to living conditions which do not meet Air Force and DOD standards. This project will provide facilities meeting current standards. IMPACT IF NOT PROVIDED: Failure to construct the dormitories will result					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
JSTARS DORMITORIES	UHHZ953015	
<p>in the inability to properly house unaccompanied enlisted personnel assigned to support the JSTARS mission at Robins AFB. We will effectively force our junior unaccompanied enlisted people to live in expensive off-base housing which will serve to degrade the morale, productivity, and career satisfaction of the enlisted force.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. This project has been considered for FY 98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
JSTARS DORMITORIES	UHHZ953015	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 JUL 15	
(b) Parametric Cost Estimates used to develop costs	N	
(c) Percent Complete as of Jan 1994	60%	
(d) Date 35% Designed.	93 SEP 16	
(e) Date Design Complete	94 MAR 15	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	271	
(b) All Other Design Costs	116	
(c) Total	387	
(d) Contract	271	
(e) In-house	116	
(4) Construction Start	95 JAN	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ROBINS AIR FORCE BASE, GEORGIA			JSTARS EXPANDED FLIGHT KITCHEN		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
6.47.70 TIARA	723-388	UHHZ953030	1,850		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
JSTARS EXPANDED FLIGHT KITCHEN	SF	8,800		1,094	
FLIGHTLINE DINING FACILITY	SF	6,800	140	(952)	
IN-FLIGHT MEAL KITCHEN	SF	2,000	71	(142)	
SUPPORTING FACILITIES				555	
UTILITIES	LS			(250)	
SITE IMPROVEMENTS	LS			(130)	
PAVEMENTS	LS			(175)	
SUBTOTAL				1,649	
CONTINGENCY (5%)				82	
TOTAL CONTRACT COST				1,731	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				104	
TOTAL REQUEST				1,835	
TOTAL REQUEST (ROUNDED)				1,850	
10. Description of Proposed Construction: Reinforced concrete footings, foundations, and floor slab. Concrete masonry unit exterior walls with maintenance-free exterior surfaces, structural steel frame, and sloped roof. Landscaping, parking, and all other utilities and necessary support to provide a complete and usable facility. Air Conditioning: 40 Tons.					
11. REQUIREMENT: 8,800 SF ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: Construct a consolidated flightline dining facility and in-flight meal kitchen to support Joint Surveillance Target Attack Radar System (JSTARS) operations. (New Mission) REQUIREMENT: An adequate dining facility and in-flight kitchen are required to support the two new JSTARS squadrons to be assigned to this base. This facility must be completed prior to the arrival of the first operational squadron and its assigned personnel in order to prevent undue expense and lost time in providing meals to the JSTARS personnel. The facility must provide capability to store food prior to preparation, prepare and serve complete meals to personnel assigned within the remotely located JSTARS operations area, and produce in-flight meals for personnel serving onboard mission aircraft. CURRENT SITUATION: The existing dining facility at Robins AFB is located over six miles from the JSTARS operations area which makes it very difficult to leave the area, travel across base, park a car, process through the food service line, eat, and return to work within one hour. There are no other dining facilities located on the JSTARS side of the flightline. Additionally, there is no in-flight kitchen at Robins to prepare the special in-flight meals and the existing dining facilities would be overloaded if required to meet the in-flight meal requirements					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
ROBINS AIR FORCE BASE, GEORGIA			
4. PROJECT TITLE		5. PROJECT NUMBER	
JSTARS EXPANDED FLIGHT KITCHEN		UHHZ953030	
<p>for the JSTARS mission.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Failure to construct this essential feeding facility will result in the inability to provide proper meals to personnel assigned within the JSTARS operations area without undue expense and lost productivity. Further, there will be no capability to provide expedient in-flight meals to crew members serving onboard JSTARS mission aircraft.</p> <p><u>ADDITIONAL:</u> This project scope complies with Military Handbook 1190, "Facility Planning and Design Guide." All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
JSTARS EXPANDED FLIGHT KITCHEN	UHHZ953030	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 15
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 SEP 16
(e) Date Design Complete		94 MAR 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		111
(b) All Other Design Costs		37
(c) Total		148
(d) Contract		104
(e) In-house		44
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
AIR FORCE						
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
ROBINS AIR FORCE BASE, GEORGIA			JSTARS UTILITIES/MISCELLANEOUS SUPPORT			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST(\$000)	
6.47.70 TIARA		850-000	UHHZ953031		3,825	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
JSTARS UTILITIES/MISCELLANEOUS SUPPORT		LS			2,372	
MUNITIONS STORAGE AND MAINTENANCE FAC		SF	2,250	89	(200)	
RELOCATE/WIDEN BLUNK STREET		LF	9,500	94	(893)	
RELOCATE FAA TRANSMITTER FACILITY		LS			(184)	
800 TON CENTRAL CHILLER		EA	1	945,000	(945)	
CONSTRUCT GATEHOUSE		SF	300	165	(50)	
CONSTRUCT ROADWAY		LF	400	250	(100)	
SUPPORTING FACILITIES					910	
PAVEMENTS AND SITE IMPROVEMENTS		LS			(350)	
UTILITIES		LS			(560)	
SUBTOTAL					3,282	
CONTINGENCY (10%)					328	
TOTAL CONTRACT COST					3,610	
SUPERVISION, INSPECTION AND OVERHEAD (6%)					217	
TOTAL REQUEST					3,827	
TOTAL REQUEST (ROUNDED)					3,825	
<p>10. Description of Proposed Construction: Reinforced concrete footings, foundations and floor slab, CMU walls, fire protection and utilities for munitions facility. Add one 800-ton chiller to the central chilled water plant. Relocate/widen Blunk Street to provide a 24' wide road. Relocate and extend utilities including storm sewer. Relocate FAA facilities. Construct a gatehouse and parking lot, and enlarge flood retention pond.</p>						
<p>11. REQUIREMENT: As required.</p> <p>PROJECT: Construct utility systems and miscellaneous facilities to support Joint Surveillance Target Attack Radar System (JSTARS). (New Mission)</p> <p>REQUIREMENT: A munitions facility is required to store and maintain unique low level munitions for JSTARS. Also, an additional chiller unit for the central chilled water plant is required to cool JSTARS related facilities on the east side of the base. Rerouting and widening of Blunk Street and relocating associated utilities needs to be accomplished to accommodate the increased traffic and required setbacks from newly constructed facilities. A gatehouse is required for entry control personnel. Relocation of the FAA complex is required to allow construction of a future project to extend the aircraft parking apron. A natural gas distribution line is needed from the metering point to the JSTARS hangar to provide dehumidification required for aircraft corrosion control operations. Upgrade of the weir on the existing flood retention pond is required to increase the pond's capacity to hold increased storm water runoff from impervious surfaces. Additional parking for 141 vehicles is required to accommodate the increased work population.</p> <p>CURRENT SITUATION: No facilities are available that will satisfy JSTARS munitions storage and maintenance requirements. The FY94 MILCON for the</p>						

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
JSTARS UTILITIES/MISCELLANEOUS SUPPORT	UHHZ953031	
<p>central chilled water plant and utility extension projects were designed to support the requirements for 13 JSTARS aircraft. The remaining aircraft were to be permanently stationed at overseas forward operating bases. This concept of operation was revised to permanently base all JSTARS aircraft at Robins AFB and employ TDY presence overseas. Thus, certain facilities have increased in scope and an additional chiller is required. The reactivation of an unused gate, which will provide access into the JSTARS area, requires that a gatehouse be constructed to support security personnel responsible for entry control. The new access point and gatehouse are required to help reduce congestion on Robins AFB resulting from the beddown of the 2,600 JSTARS personnel on an already congested base. The existing FAA towers and administrative offices are located on the only suitable site for extension of the existing aircraft parking apron necessary to support activation of the JSTARS mission. Adequate natural gas service is not available within the JSTARS area to meet the demands which will be generated by corrosion control operations. The existing width and route of Blunk Street, the main thoroughfare within the JSTARS area, are unacceptable from a traffic management standpoint as well as the functional relationship with the new facilities in the area. The existing flood retention pond is inadequately sized to meet the storm water loads generated in the JSTARS complex. The large amount of development in the area will substantially increase impervious surfaces.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Failure to provide any part of this project will result in the inability to properly support the beddown of JSTARS at this base. Munitions that cannot be maintained in a safe and combat ready state will not meet the mission requirements of JSTARS. The utility extension is essential for new facilities supporting the new mission. If the FAA facilities are not relocated, no area will be available for aircraft parking ramp.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
JSTARS UTILITIES/MISCELLANEOUS SUPPORT	UHHZ953031	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 15
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 SEP 16
(e) Date Design Complete		94 MAR 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		229
(b) All Other Design Costs		115
(c) Total		344
(d) Contract		241
(e) In-house		103
(4) Construction Start		
		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ROBINS AIR FORCE BASE, GEORGIA			UPGRADE STORM DRAINAGE SYSTEM		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
7.80.56	871-183	UHHZ953005	2,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE STORM DRAINAGE SYSTEM		LS			1,636
RETENTION/DETENTION BASINS		EA	5	170,000	(850)
INTERCEPTOR SEWERS		LF	4,200	170	(714)
BERMS		LF	800	90	(72)
SUPPORTING FACILITIES					255
ELIMINATE CROSS-CONNECTIONS		LS			(100)
CULVERTS		EA	4	12,500	(50)
FUEL-WATER SEPARATORS		LS			(50)
SITE IMPROVEMENTS		LS			(55)
SUBTOTAL					1,891
CONTINGENCY (10%)					189
TOTAL CONTRACT COST					2,080
SUPERVISION, INSPECTION AND OVERHEAD (6%)					125
TOTAL REQUEST					2,205
TOTAL REQUEST (ROUNDED)					2,200
10. Description of Proposed Construction: Install pollution control structures to channel and divert storm water only to the existing storm water collection system; eliminate sanitary and storm sewer cross connections; provide six sampling stations, three retention basins, erosion control, and necessary support.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Upgrade storm drainage system. (Current Mission) <u>REQUIREMENT:</u> This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122 for storm water discharge. The base is required to be in compliance with the National Pollutant Discharge Elimination System (NPDES) storm water permit by October 1996. The base's individual storm water permit will be issued by 31 July 1994. Installation of pollution control structures will allow only storm water runoff to enter the storm water collection system, which eventually discharges into Horse Creek and the Ocmulgee River. The base is required to certify that non-storm water discharges are not connected to the storm water system. Corrective actions are required to eliminate sources of pollutants in the storm drainage system. <u>CURRENT SITUATION:</u> The existing storm water drainage system receives runoff from the flight line and other industrial areas of the base and discharges through ten discharge points into Horse Creek. There are no measures to prevent potential pollutant sources from mixing with storm water runoff and entering aquifers. There are non-storm water discharges connected to the storm water system in violation of the pending storm water NPDES permit. <u>IMPACT IF NOT PROVIDED:</u> Uncontrolled runoff will result in continued					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE SYSTEM	UHHZ953005	
<p>flooding which will adversely affect mission accomplishment, increase potential health hazards, and increase surface water contamination. The base will be out of compliance with EPA storm water regulations and would be subject to potential fines of up to \$25,000 per day per violation.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria specified in Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, a formal economic analysis was not needed or performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE SYSTEM	UHHZ953005	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 16
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 SEP 25
(e) Date Design Complete		94 AUG 28
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		100
(b) All Other Design Costs		196
(c) Total		296
(d) Contract		220
(e) In-house		76
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
MOUNTAIN HOME AIR FORCE BASE, IDAHO				AIR COMBAT COMMAND				1.15			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		339	2826	449	58	55	15			3	3,745
b. End FY 1999		352	2767	491		6				3	3,619
7. INVENTORY DATA (\$000)											
a. Total Acreage: (10,057)											
b. Inventory Total As Of: (30 SEP 93) 194,868											
c. Authorization Not Yet In Inventory: 0											
d. Authorization Requested In This Program: 4,950											
e. Authorization Included In Following Program: (FY 1996) 34,750											
f. Planned In Next Three Program Years: 4,150											
g. Remaining Deficiency: 0											
h. Grand Total: 238,718											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE			SCOPE		(\$000)		START	CMPL		
721-312	DORMITORY			208 PN		4,950		JUN 93	JUL 94		
						TOTAL:		4,950			
9a. Future Projects: Included in the Following Program (FY 1996)											
113-321	UPGRADE AIRCRAFT PARKING			62,000 SY		5,400					
APRON											
130-142	FLIGHTLINE FIRE STATION			24,800 SF		5,000					
211-111	AIRCRAFT MAINTENANCE HANGAR			41,550 SF		8,000					
724-417	TRANSIENT PERSONNEL QUARTERS			83 PN		6,000					
PHASE I											
831-165	SEWAGE TREATMENT & DISPOSAL			LS		9,850					
871-183	STORM DRAINAGE FACILITIES			LS		500					
						TOTAL:		34,750			
9b. Future Projects: Typical Planned Next Three Years:											
721-312	IMPROVE UNACCOMPANIED ENLISTED			106 PN		500					
HSG											
724-417	BILLETING COMPLEX			50 PN		3,650					
10. Mission or Major Functions: An air intervention composite wing which includes F-16, F-15, and KC-135 aircraft.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution: 2,250											
b. Water pollution: 1,500											
c. Occupational safety and health: 0											
d. Other Environmental: 3,833											

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION MOUNTAIN HOME AIR FORCE BASE, IDAHO			4. PROJECT TITLE DORMITORY		
5. PROGRAM ELEMENT 2.75.96C	6. CATEGORY CODE 721-312	7. PROJECT NUMBER QYZH923226	8. PROJECT COST(\$000) 4,950		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
DORMITORY (208 PN)	SF	42,000	87	3,654	
SUPPORTING FACILITIES				775	
UTILITIES	LS			(120)	
SITE IMPROVEMENTS	LS			(145)	
PAVEMENTS	SY	12,000	20	(240)	
ASBESTOS DISPOSAL/DEMOLITION	SF	34,000	8	(270)	
SUBTOTAL				4,429	
CONTINGENCY (5%)				221	
TOTAL CONTRACT COST				4,650	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				279	
TOTAL REQUEST				4,929	
TOTAL REQUEST (ROUNDED)				4,950	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, with maintenance free exterior masonry walls and standing seam metal roof. Includes room-bath-room modules, laundries, storage and lounge areas, and all supporting facilities. Demolishes three, stacked pre-fabricated trailers currently serving as dormitories. Air Conditioning: 130 Tons. Grade Mix: 208 E1-E4.					
11. REQUIREMENT: 1,098 PN ADEQUATE: 359 PN SUBSTANDARD: 708 PN PROJECT: Construct a dormitory. (Current Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. CURRENT SITUATION: Mountain Home has the last three modular dormitories in the command. These dormitories were constructed in 1975 by stacking pre-fabricated trailers. They were never intended as permanent facilities and are in bad need of replacement. The rooms do not meet the size criteria and cannot be modified. The doors and windows are loose and allow water and air infiltration, and the roof leaks where the modules are joined together. The buildings are poorly insulated and laden with asbestos. Sound attenuation is poor making rest for shift workers difficult. Bathrooms have old, outdated fixtures and unpleasant finishes. The underlying floor support structure is deteriorating leading to unsafe facilities. The availability of affordable rental units in the local community is extremely limited. Our junior enlisted personnel often experience long delays before adequate accommodations can be obtained.					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MOUNTAIN HOME AIR FORCE BASE, IDAHO		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	QYZH923226	
<p>Because of this, adequate dormitories at this base are extremely critical. This project demolishes 34,000 square feet of facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Airmen at Mountain Home AFB will be forced to live in substandard facilities. The existing facilities are not fully maintainable and will deteriorate to the point that they will have to be closed. Airmen will continue to have extremely limited alternatives available in the local community. Morale, productivity, and career satisfaction will continue to be negatively impacted.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost effective over the life of the project. This project has been considered for FY 98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MOUNTAIN HOME AIR FORCE BASE, IDAHO		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	QYZH923226	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 20
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 SEP 09
(e) Date Design Complete		94 JUL 01
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		MT HOME
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		238
(b) All Other Design Costs		158
(c) Total		396
(d) Contract		348
(e) In-house		48
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST			
SCOTT AIR FORCE BASE, ILLINOIS				AIR MOBILITY COMMAND				COST INDEX 1.14			
6. PERSONNEL		PERMANENT		STUDENTS			SUPPORTED				
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		2445	4450	2992	197	202	32	130	88	27	10,563
b. End FY 1999		2074	4163	2907	35	4	1	130	88	27	9,429
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,337)											
b. Inventory Total As Of: (30 SEP 93) 328,056											
c. Authorization Not Yet In Inventory: 32,710											
d. Authorization Requested In This Program: 2,700											
e. Authorization Included In Following Program: (FY 1996) 17,100											
f. Planned In Next Three Program Years: 13,150											
g. Remaining Deficiency: 0											
h. Grand Total: 393,716											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
411-135		UNDERGROUND FUEL STORAGE TANKS		35 EA		2,700		JUL 93		JUL 94	
				TOTAL:		2,700					
9a. Future Projects: Included in the Following Program (FY 1996)											
130-142		FIRE/CRASH RESCUE STATION		11,000 SF		1,750					
141-753		SQUADRON OPERATIONS FACILITY		12,300 SF		1,950					
721-312		DORMITORY		200 PN		8,000					
724-417		ADD TO AND ALTER VISITING OFFICERS QUARTERS		60 PN		5,400					
				TOTAL:		17,100					
9b. Future Projects: Typical Planned Next Three Years:											
113-321		APRONS		22,500 SY		1,650					
721-312		ALTER UNACCOMPANIED ENLISTED HSG		144 PN		2,950					
721-312		ALTER UNACCOMPANIED ENLISTED HSG		225 PN		3,800					
730-773		ADD TO CHAPEL CENTER		11,000 SF		1,250					
822-265		REPAIR STEAM HEATING MAINS		5,000 LF		3,500					
10. Mission or Major Functions: Headquarters United States Transportation Command; Headquarters Air Mobility Command; Tanker/Airlift Control Center; Air Force Command, Control, Communications and Computer Agency; Air Weather Service; USAF Environmental Technical Applications Center; an airlift wing (C-9, C-12 and C-21 aircraft); an Air Force Reserve C-9 associate aeromedical airlift group; and a major USAF medical center. Also, a joint military/civil use airfield.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
SCOTT AIR FORCE BASE, ILLINOIS			UNDERGROUND FUEL STORAGE TANKS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.18.56	411-135	VDYD963051	2,700		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UNDERGROUND FUEL STORAGE TANKS	EA	35		1,684	
UPGRADE UNDERGROUND STORAGE TANKS	EA	10	33,400	(334)	
UNDERGROUND STORAGE TANKS	EA	3	121,670	(365)	
ABOVEGROUND STORAGE TANKS	EA	6	85,000	(510)	
TANK REMOVAL/DISPOSAL	EA	16	29,690	(475)	
SUPPORTING FACILITIES				625	
UTILITIES	LS			(25)	
SITE IMPROVEMENTS	LS			(50)	
SOIL REMEDIATION	LS			(550)	
SUBTOTAL				2,309	
CONTINGENCY (10%)				231	
TOTAL CONTRACT COST				2,540	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				152	
TOTAL REQUEST				2,692	
TOTAL REQUEST (ROUNDED)				2,700	
10. Description of Proposed Construction: Remove 16 Underground Storage Tanks (UST), install 3 new UST, 6 new Aboveground Storage Tanks (AST), and upgrade 10 UST. Work includes providing leak detection, corrosion protection and spill/overflow prevention systems, soil remediation, site work, utilities and other necessary support.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Remove, install and upgrade underground fuel storage tanks. (Current Mission) <u>REQUIREMENT:</u> This is a Level II environmental compliance project. This project is required to upgrade all underground storage tanks (USTs) regulated by 40 CFR 280 to new standards by December 1998. The Environmental Protection Agency (EPA) has set standards that require all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems. If USTs are to be replaced, Air Force policy is to replace them with aboveground tanks or to relocate them into underground vaults wherever possible. However, existing underground petroleum product storage tanks which are in good condition may be upgraded in place to bring them into compliance with applicable UST standards. <u>CURRENT SITUATION:</u> The fuel storage tanks included in this project have exceeded their design life and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All of the regulated USTs require annual integrity (tightness) testing, daily fluid level monitoring and monthly inventory reconciliation and control, since they lack the proper continuous monitoring appliances and controls. If these tasks are not performed, the exposure to environmental liability will increase. These liabilities can be eliminated through the installation of the new					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SCOTT AIR FORCE BASE, ILLINOIS		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	VDYD963051	
<p>USTs, aboveground storage tanks (ASTs) and associated continuous monitoring/alarm systems.</p> <p>IMPACT IF NOT PROVIDED: Failure to bring the USTs into environmental compliance will result in Scott AFB receiving a Notice of Violation (NOV) from the regulators. This will ultimately result in fines and unfavorable publicity for the Air Force and DoD. All tanks must meet regulations or be permanently closed. The absence of sufficient fuel storage due to mandatory tank closure would seriously jeopardize the base's mission.</p> <p>ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide" or Air Force Manual 86-2, "Standard Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that satisfies regulatory and operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. These fuel storage tanks must be replaced by December 1998 in accordance with federal environmental compliance regulatory laws. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SCOTT AIR FORCE BASE, ILLINOIS		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	VDYD963051	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 16
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		94 JAN 14
(e) Date Design Complete		94 JUL 13
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		160
(b) All Other Design Costs		90
(c) Total		250
(d) Contract		200
(e) In-house		50
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)					2. DATE				
3. INSTALLATION AND LOCATION MCCONNELL AIR FORCE BASE, KANSAS					4. COMMAND AIR MOBILITY COMMAND			5. AREA CONST COST INDEX 0.99			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		375	2687	360		88					3,510
b. End FY 1999		438	2808	371						10	3,627
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,103)											
b. Inventory Total As Of: (30 SEP 93)											283,853
c. Authorization Not Yet In Inventory:											17,710
d. Authorization Requested In This Program:											500
e. Authorization Included In Following Program: (FY 1996)											10,450
f. Planned In Next Three Program Years:											28,100
g. Remaining Deficiency:											0
h. Grand Total:											340,613
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN		STATUS	
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
871-183	UPGRADE STORM DRAINAGE FACILITIES	LS				500	SEP 93	AUG 94			
TOTAL:						500					
9a. Future Projects: Included in the Following Program (FY 1996)											
141-753	SQUADRON OPERATIONS FACILITY	40,860 SF				6,100					
831-157	INDUSTRIAL WASTE FUEL SPILL	1 EA				1,150					
871-183	STORM DRAINAGE RELIEF CHANNEL	135,000 CY				1,200					
871-183	STORM DRAINAGE SYSTEM	135,000 SY				1,200					
880-212	AFFF FIRE SUPPRESSION SYSTEM FOR FUEL CELL	LS				800					
TOTAL:						10,450					
9b. Future Projects: Typical Planned Next Three Years:											
111-111	UPGRADE RUNWAY	LS				3,100					
121-000	AIRCRAFT DISPENSING	4,850 SF				1,600					
610-128	MILITARY PERSONNEL SUPPORT CENTER	48,250 SF				6,400					
690-000	PROCUREMENT FACILITY	8,000 SF				1,400					
740-884	ADD TO AND ALTER CHILD DEVELOPMENT CENTER	27,300 SF				2,600					
10. Mission or Major Functions: An air refueling wing (KC-135 aircraft); an Air Combat Command bomb squadron (B-1 aircraft); and an Air National Guard fighter group (F-16 aircraft) which will convert to B-1B aircraft.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:											0
b. Water pollution:											2,350
c. Occupational safety and health:											0
d. Other Environmental:											0

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION BARKSDALE AIR FORCE BASE, LOUISIANA				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.84				
6. PERSONNEL STRENGTH		PERMANENT		STUDENTS			SUPPORTED				
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		907	4789	1092		509		1	6		7,304
b. End FY 1999		955	4955	1255				38	362	12	7,577
7. INVENTORY DATA (\$000)											
a. Total Acreage: (22,382)											
b. Inventory Total As Of: (30 SEP 93)										218,005	
c. Authorization Not Yet In Inventory:										34,740	
d. Authorization Requested In This Program:										1,500	
e. Authorization Included In Following Program: (FY 1996)										0	
f. Planned In Next Three Program Years:										17,750	
g. Remaining Deficiency:										0	
h. Grand Total:										271,995	
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
871-183	UPGRADE STORM DRAINAGE FACILITIES	LS				1,500	JUN 93	JUL 94			
TOTAL:						1,500					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
121-122	HYDRANT FUELING SYSTEM	LS				12,000					
740-674	PHYSICAL FITNESS CENTER	18,200 SF				2,450					
871-183	ADD TO AND ALTER STORM DRAINAGE FACILITIES	LS				3,300					
10. Mission or Major Functions: Headquarters Eighth Air Force; a flying wing which includes two B-52 squadrons; Air Mobility Command air refueling operations group (KC-10 and KC-135 aircraft); and Air Force Reserve fighter wing (A-10 and OA-10 aircraft), B-52 associate bomb group, and KC-10 associate air refueling group.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										1,500	
b. Water pollution:										1,500	
c. Occupational safety and health:										0	
d. Other Environmental:										2,500	

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION BARKSDALE AIR FORCE BASE, LOUISIANA			4. PROJECT TITLE UPGRADE STORM DRAINAGE FACILITIES		
5. PROGRAM ELEMENT 2.74.56C	6. CATEGORY CODE 871-183	7. PROJECT NUMBER AWUB952500	8. PROJECT COST(\$000) 1,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE STORM DRAINAGE FACILITIES		LS			400
SUPPORTING FACILITIES					950
REPAIR/REPLACE STORM DRAINAGE LINES		LS			(550)
CORRECT CROSS-CONNECTIONS		LS			(400)
SUBTOTAL					1,350
CONTINGENCY (5%)					68
TOTAL CONTRACT COST					1,418
SUPERVISION, INSPECTION AND OVERHEAD (6%)					85
TOTAL REQUEST					1,503
TOTAL REQUEST (ROUNDED)					1,500
10. Description of Proposed Construction: Provide treatment of storm water runoff by correction of cross-connections, connection of non-storm water discharges to the sanitary sewer, repair of broken or misaligned storm drainage lines, and construction of storm water diversion structures. Connect oil/water separators, and provide necessary support.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Upgrade storm drainage facilities. (Current Mission) <u>REQUIREMENT:</u> This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122.26 for storm water discharge. The storm water permit is scheduled to be issued in Jul 94. The base is required to be in compliance with their National Pollutant Discharge Elimination System (NPDES) permit by Oct 96. The base is required to certify that non-storm water discharges are not connected to the storm drainage system. Corrective actions are required to eliminate sources of pollutants to the storm drain. <u>CURRENT SITUATION:</u> The base does not provide storm water runoff control measures from the industrial areas of the base. There are existing cross-connections which are not allowed by the NPDES permit. Some non-storm water discharges (process and sanitary wastewater) are connected to or seep into the storm drainage system which is not allowed by the NPDES permit. <u>IMPACT IF NOT PROVIDED:</u> Barksdale AFB will be out of compliance with their NPDES permit. The continuous violation of storm water regulations have the potential for fines up to \$25,000 per day per violation and could create adverse publicity. <u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
BARKSDALE AIR FORCE BASE, LOUISIANA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	AWUB952500	
<p>Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
BARKSDALE AIR FORCE BASE, LOUISIANA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	AWUB952500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 15
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 SEP 16
(e) Date Design Complete		94 JUL 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		70
(b) All Other Design Costs		50
(c) Total		120
(d) Contract		80
(e) In-house		40
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION ANDREWS AIR FORCE BASE, MARYLAND				4. COMMAND AIR MOBILITY COMMAND			5. AREA CONST COST INDEX 1.03				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		1136	4110	1773	159	142	15	122	1156	164	8,777
b. End FY 1999		1111	4150	1888				140	1069	2	8,360
7. INVENTORY DATA (\$000)											
a. Total Acreage: (7,489)											
b. Inventory Total As Of: (30 SEP 93)										375,296	
c. Authorization Not Yet In Inventory:										20,100	
d. Authorization Requested In This Program:										6,300	
e. Authorization Included In Following Program: (FY 1996)										22,760	
f. Planned In Next Three Program Years:										46,640	
g. Remaining Deficiency:										0	
h. Grand Total:										471,096	
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)		START	CMPL		
721-312	DORMITORY	105 PN				6,300		AUG 93	NOV 94		
TOTAL:						6,300					
9a. Future Projects: Included in the Following Program (FY 1996)											
219-944	ADD TO AND ALTER BASE ENGINEER ADMINISTRATION	45,800 SF				7,600					
411-135	UNDERGROUND FUEL STORAGE TANKS	LS				9,260					
721-312	DORMITORY	348 PN				5,900					
TOTAL:						22,760					
9b. Future Projects: Typical Planned Next Three Years:											
121-122	REPLACE HYDRANT REFUELING SYSTEMS	LS				9,790					
218-712	ACFT SPRT EQUIP SHOP/STORAGE	13,900 SF				2,450					
411-135	IMPROVE JET FUEL STORAGE	LS				4,200					
411-135	REPAIR JET FUEL STORAGE	LS				4,200					
411-135	IMPROVE JET FUEL STORAGE	LS				8,250					
10. Mission or Major Functions: An airlift wing which performs Presidential support & special air missions (C-9, C-12, C-20, C-21, C-137, and VC-25 aircraft, & UH-1 helicopters); an AFRES airlift wing (C-141 aircraft); Air National Guard (ANG) fighter wing (F-16 aircraft) and airlift squadron (C-21 and C-22 aircraft); ANG Readiness Center; and a major USAF medical center. Major tenants include Army, Navy, and Marine Corps flying units.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										9,260	

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
ANDREWS AIR FORCE BASE, MARYLAND		DORMITORY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
4.18.96	721-312	AJXF953007	6,300	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
DORMITORY (105 PN)	SF	42,000	110	4,620
SUPPORTING FACILITIES				1,010
SITE IMPROVEMENTS	LS			(350)
UTILITIES	LS			(250)
PAVEMENTS	LS			(250)
DEMOLITION	SF	26,800	6	(160)
SUBTOTAL				5,630
CONTINGENCY (5%)				282
TOTAL CONTRACT COST				5,912
SUPERVISION, INSPECTION AND OVERHEAD (6%)				355
TOTAL REQUEST				6,267
TOTAL REQUEST (ROUNDED)				6,300
10. Description of Proposed Construction: Concrete foundation, masonry walls, structural steel frame and roof system. Includes room-bath-room modules, lounges, laundry rooms, storage rooms, mechanical equipment room, utilities, demolition and asbestos removal/disposal, and other necessary support.				
Air Conditioning: 100 Tons. Grade Mix: 105 E5-E6.				
11. REQUIREMENT: 1,625 PN ADEQUATE: 620 PN SUBSTANDARD: 445 PN PROJECT: Construct a dormitory. (Current Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. CURRENT SITUATION: There are currently not enough adequate dormitories to accommodate the unaccompanied enlisted personnel at this base. Existing substandard facilities do not provide semi-private baths, adequate control of heating and air conditioning, and sufficient noise attenuation to adequately house enlisted personnel. Two substandard dormitories totaling 26,864 square feet will be demolished. The current dormitory occupancy rate at Andrews is 98 percent. IMPACT IF NOT PROVIDED: Substandard living conditions will persist and morale, productivity, and career satisfaction of the enlisted force will continue to be degraded. ADDITIONAL: This project meets the criteria/scope specified in Part II of the Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new				

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ANDREWS AIR FORCE BASE, MARYLAND		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	AJXF953007	
<p>construction, revitalization, leasing and status quo. Based on the net values and benefits of the respective alternatives, new construction was found to be the most cost effective over the life of the project. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ANDREWS AIR FORCE BASE, MARYLAND		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	AJXF953007	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 AUG 15
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		15%
(d) Date 35% Designed.		94 FEB 28
(e) Date Design Complete		94 NOV 20
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		378
(b) All Other Design Costs		220
(c) Total		598
(d) Contract		500
(e) In-house		98
(4) Construction Start		95 MAR
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
KEESLER AIR FORCE BASE, MISSISSIPPI				AIR EDUCATION AND TRAINING COMMAND				0.84			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		1039	4060	2021	157	2900	77	28	62		10,344
b. End FY 1999		1035	4346	2276	1165	5398	77	28	62		14,387
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,546)											
b. Inventory Total As Of: (30 SEP 93)										277,824	
c. Authorization Not Yet In Inventory:										15,150	
d. Authorization Requested In This Program:										11,240	
e. Authorization Included In Following Program: (FY 1996)										16,000	
f. Planned In Next Three Program Years:										6,000	
g. Remaining Deficiency:										0	
h. Grand Total:										326,214	
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST (\$000)		DESIGN STATUS		
CODE									START Cmpl		
171-621		7-LEVEL TRAINING CLASSROOMS			11,400 SF		1,800		JUL 93 AUG 94		
721-315		7-LEVEL TRAINING DORMITORY			445 PN		8,800		APR 93 APR 94		
880-232		UPGRADE FIRE SUPPRESSION SYSTEM			55,000 SF		640		JUL 93 SEP 94		
TOTAL:							11,240				
9a. Future Projects: Included in the Following Program (FY 1996)											
721-312		ALTER DORMITORY			500 PN		6,500				
721-312		STUDENT DORMITORY			500 PN		6,500				
812-224		UPGRADE ELECTRICAL SYSTEM			LS		3,000				
TOTAL:							16,000				
9b. Future Projects: Typical Planned Next Three Years:											
610-281		BASE CONTRACTING FACILITY			11,700 SF		1,700				
824-464		UPGRADE BASE GAS SYSTEM			LS		4,300				
10. Mission or Major Functions: Headquarters Second Air Force; a training wing responsible for avionics, communications, electronics, radar systems, computer and command-and-control systems, personnel, and administrative courses (C-21 aircraft); and a C-12 flying training unit; an Air Force Reserve airlift wing (C-130 and WC-130 aircraft); an Air Combat Command airborne command and control squadron (EC-130 aircraft); and a major Air Force medical center.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION KEESLER AIR FORCE BASE, MISSISSIPPI			4. PROJECT TITLE 7-LEVEL TRAINING CLASSROOMS		
5. PROGRAM ELEMENT 8.57.96	6. CATEGORY CODE 171-621	7. PROJECT NUMBER MAHG953021	8. PROJECT COST(\$000) 1,800		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
7-LEVEL TRAINING CLASSROOMS		SF	11,400	115	1,311
SUPPORTING FACILITIES					320
UTILITIES		LS			(120)
SITE IMPROVEMENTS		LS			(90)
PAVEMENTS		LS			(60)
COMMUNICATIONS SUPPORT		LS			(50)
SUBTOTAL					1,631
CONTINGENCY (5%)					82
TOTAL CONTRACT COST					1,713
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					111
TOTAL REQUEST					1,824
TOTAL REQUEST (ROUNDED)					1,800
10. Description of Proposed Construction: Concrete foundation, masonry structure with storm resistant roof system providing classroom space, instructor space, and other supporting space. Air Conditioning: 20 Tons.					
11. REQUIREMENT: 1,362,563 SF ADEQUATE: 1,351,163 SF SUBSTANDARD: 0 PROJECT: Construct 7-level training classrooms. (New Mission) REQUIREMENT: Provide facilities to implement formal advance training (7-Level Training) for E-5s and E-6s in preparation for advancement to E-7. This requirement is an initiative resulting from CSAF's Year of Training objective to improve the quality of education for Air Force personnel by standardizing a coherent set of training concepts and procedures. This project will provide classrooms, instructor space, and other supporting areas to conduct formal 7-level training for 24 different courses. This 7-level training will increase Keesler AFB's average daily student load (ADSL) by 445 students; increase the number of students per year by over 4000; and require an additional 66 instructors. CURRENT SITUATION: Formal training in preparation for E-7 level positions and responsibilities is not available for all E-5 and E-6 personnel in all career fields. Although some personnel have opportunities for adequate training, many receive on-the-job training, and individual coursework which is not consistent or coordinated across the Air Force. The CSAF's Year of Training initiative is aimed at correcting this problem and making quality training available for all E-5 and E-6 personnel in all career fields. This training initiative will formalize the training and help transition personnel from apprentice level to journeyman level responsibilities. Currently there are no existing facilities available at the installation to provide adequate classroom space for the 7-level					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
KEESLER AIR FORCE BASE, MISSISSIPPI		
4. PROJECT TITLE	5. PROJECT NUMBER	
7-LEVEL TRAINING CLASSROOMS	MAHG953021	
<p>training courses. Keesler is gaining a 1,042 ADSL from the missions relocated by the closure of Lowry AFB, Chanute AFB, and over 100 ADSL from requirements driven by other Year of Training initiatives. As a result, all excess space at the installation has been consumed and there is no space available to implement the 7-level training requirement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The 7-level training program will not be able to be implemented at Keesler AFB. This will prevent the Air Force from further consolidating education functions at the base or achieving program objectives. These important improvements in the quality of training for E-5 and E-6 Air Force personnel will be impossible.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
KEESLER AIR FORCE BASE, MISSISSIPPI		
4. PROJECT TITLE	5. PROJECT NUMBER	
7-LEVEL TRAINING CLASSROOMS	MAHG953021	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 29
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 DEC 31
(e) Date Design Complete		94 AUG 19
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		105
(b) All Other Design Costs		70
(c) Total		175
(d) Contract		125
(e) In-house		50
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION KEESLER AIR FORCE BASE, MISSISSIPPI			4. PROJECT TITLE 7-LEVEL TRAINING DORMITORY		
5. PROGRAM ELEMENT 8.57.96	6. CATEGORY CODE 721-315	7. PROJECT NUMBER MAHG953020A	8. PROJECT COST(\$000) 8,800		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
7-LEVEL TRAINING DORMITORY (445 PN)		SF	89,000	75	6,675
SUPPORTING FACILITIES					1,205
UTILITIES		LS			(250)
COMMUNICATIONS SUPPORT/EMCS		LS			(560)
SITE IMPROVEMENTS		LS			(150)
PAVEMENTS		LS			(245)
SUBTOTAL					7,880
CONTINGENCY (5%)					394
TOTAL CONTRACT COST					8,274
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					538
TOTAL REQUEST					8,812
TOTAL REQUEST (ROUNDED)					8,800
10. Description of Proposed Construction: Concrete foundations, floor slabs, structural system, concrete or masonry wall system, and roof. Includes room-bath-room modules, laundries, storage and lounge areas and all supporting facilities. Air Conditioning: 112 Tons. Grade Mix: 445 E5-E6.					
11. REQUIREMENT: 4,396 PN ADEQUATE: 3,806 PN SUBSTANDARD: 0 PROJECT: Construct a 7-level training dormitory. (New Mission) REQUIREMENT: Provide facilities to implement formal advanced training (7-Level Training) to E-5 and E-6 personnel in preparation for advancement to E-7. The 7-Level training program is one initiative resulting from CSAF's Year of Training initiative. The objective is to improve the quality of education for Air Force personnel by standardizing a coherent set of training concepts and procedures. This project will provide dormitory space to house the additional 445 student increase in the average daily student load (ADSL) resulting from this 7-Level Training initiative. CURRENT SITUATION: Formal training in preparation for E-7 level positions and responsibility is not currently available for all E-5 and E-6 personnel in all career fields. Although some personnel have opportunities for adequate training, many receive on-the-job training, and individual coursework which is not consistent or coordinated across the Air Force. The CSAF's Year of Training initiative is aimed at correcting this problem and making quality training available for all E-5 and E-6 personnel in all career fields. This training initiative will formalize the training and help transition personnel from apprentice level to journeyman level responsibilities. Existing facilities are not available at Keesler AFB to provide adequate dormitory space for students attending					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION KEESLER AIR FORCE BASE, MISSISSIPPI		
4. PROJECT TITLE 7-LEVEL TRAINING DORMITORY	5. PROJECT NUMBER MAHG953020A	
<p>7-level training. Keesler is gaining a 1,042 ADSL from missions relocated by the closure of Lowry AFB, Chanute AFB, and over 100 ADSL from other Year of Training initiatives. As a result, all excess dormitory space on the installation has been consumed and there is no space available to support this 7-level training requirement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The 7-Level training program will not be able to be implemented at Keesler AFB. This will prevent the Air Force from further consolidating education functions at the base, or achieving program objectives. Making improvements in the quality of education for E-5 and E-6 personnel will be impossible.</p> <p><u>ADDITIONAL:</u> This project meets the criteria specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, leasing, new construction) was done. It indicates new construction is the only option that will meet the requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
KEESLER AIR FORCE BASE, MISSISSIPPI		
4. PROJECT TITLE	5. PROJECT NUMBER	
7-LEVEL TRAINING DORMITORY	MAHG953020A	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 01
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 NOV 17
(e) Date Design Complete		94 APR 30
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		KEESLER
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		357
(b) All Other Design Costs		119
(c) Total		476
(d) Contract		357
(e) In-house		119
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
WHITEMAN AIR FORCE BASE, MISSOURI				AIR COMBAT COMMAND				1.05			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		481	2911	395							3,787
b. End FY 1999		322	2585	422				3	10	73	3,415
7. INVENTORY DATA (\$000)											
a. Total Acreage: (4,958)											
b. Inventory Total As Of: (30 SEP 93) 478,307											
c. Authorization Not Yet In Inventory: 94,300											
d. Authorization Requested In This Program: 24,290											
e. Authorization Included In Following Program: (FY 1996) 27,900											
f. Planned In Next Three Program Years: 13,150											
g. Remaining Deficiency: 0											
h. Grand Total: 637,947											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE		(\$000)		START	CMPL				
113-321	B-2 ADD TO AND ALTER AIRCRAFT APRON, TAXIWAY & CONVOY ROADS	50,800 SY		4,600		JUN 93	JUL 94				
211-173	B-2 AIRCRAFT MAINTENANCE DOCKS/HYDRANT FUELING SYSTEM	52,500 SF		15,000		MAY 93	JUL 94				
871-183	UPGRADE STORM DRAINAGE FACILITIES	LS		1,290		AUG 93	AUG 94				
880-000	B-2 ADD TO AND ALTER DOCK AND HANGAR FIRE PROTECTION SYSTEMS	144,000 SF		3,400		MAY 93	JUL 94				
TOTAL:				24,290							
9a. Future Projects: Included in the Following Program (FY 1996)											
113-321	B-2 AIRCRAFT APRON/CONVOY ROAD /PAVEMENTS	LS		1,500							
171-212	B-2 FLIGHT SIMULATION TRAINING	15,000 SF		4,500							
211-173	B-2 AIRCRAFT MAINTENANCE DOCKS /HYDRANT FUEL/CASS	52,500 SF		15,700							
800-000	B-2 ADAL UTILITIES SYSTEM	LS		2,600							
880-232	B-2 ADAL DOCK/HGR FIRE PROTECT PH II & AFFP PUMPS/RESERVOIR	2 EA		3,600							
TOTAL:				27,900							
9b. Future Projects: Typical Planned Next Three Years:											
442-758	WAREHOUSE	107,000 SF		9,900							
740-443	TRANSIENT LODGING FACILITY	8 UN		750							
740-674	PHYSICAL FITNESS CENTER	14,500 SF		2,500							
10. Mission or Major Functions: An AFSPACCOM missile wing consisting of two Minuteman intercontinental ballistic missile squadrons and HH-1 helicopters and an Air Combat Command bomb wing (T-38 aircraft) which will receive the B-2 bomber.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution: 2,250											
b. Water pollution: 9,020											
c. Occupational safety and health: 0											
d. Other Environmental: 1,500											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
WHITEMAN AIR FORCE BASE, MISSOURI			B-2 ADD TO AND ALTER AIRCRAFT APRON, TAXIWAY & CONVOY ROADS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
1.11.27	113-321	YWHG959206	4,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
B-2 ADD TO AND ALTER AIRCRAFT APRON, TAXIWAY & CONVOY ROADS		SY	50,800		3,089
APRONS		SY	16,500	67	(1,106)
AIRFIELD PAVEMENTS-TAXIWAYS		SY	24,800	67	(1,662)
PAVED SHOULDER		SY	6,500	23	(150)
ROADS		SY	3,000	57	(171)
SUPPORTING FACILITIES					1,030
UTILITIES		LS			(205)
DEMOLISH PAVEMENTS		LS			(480)
SITE IMPROVEMENTS		LS			(345)
SUBTOTAL					4,119
CONTINGENCY (5%)					206
TOTAL CONTRACT COST					4,325
SUPERVISION, INSPECTION AND OVERHEAD (6%)					260
TOTAL REQUEST					4,585
TOTAL REQUEST (ROUNDED)					4,600
10. Description of Proposed Construction: Level and grade site; install drainage tile and pipe, and tie into drainage system; construct rigid pavement aprons and taxiway, taxiway lighting, and munitions convoy route rated for heavy loading; and construct flexible pavement taxiway shoulders.					
11. REQUIREMENT: As required.					
PROJECT: Add to and alter B-2 aircraft parking apron, taxiway and convoy roads. (New Mission)					
REQUIREMENT: Adequate pavements are required to support all B-2 ground operations. A taxiway and access apron must be provided to allow access to and from maintenance docks. Convoy roads are also required to support movement of weapons from the weapons storage area to the aircraft parked in the docks.					
CURRENT SITUATION: No access apron, taxiway, or munitions convoy roads exist to provide access to new aircraft maintenance docks.					
IMPACT IF NOT PROVIDED: Aircraft and munitions load trailers will not have access to the maintenance docks to allow for mission preparation and weapons loading.					
ADDITIONAL: A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that will meet operational requirements; therefore, a full economic analysis was not require or performed. A certificate of exception has been prepared. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
WHITEMAN AIR FORCE BASE, MISSOURI		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-2 ADD TO AND ALTER AIRCRAFT APRON, TAXIWAY & CONVOY ROADS	YWHG959206	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 15
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Oct 1993		15%
(d) Date 35% Designed.		94 JAN 15
(e) Date Design Complete		94 JUL 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		10
(b) All Other Design Costs		101
(c) Total		111
(d) Contract		
(e) In-house		111
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION WHITEMAN AIR FORCE BASE, MISSOURI			4. PROJECT TITLE B-2 AIRCRAFT MAINTENANCE DOCKS/HYDRANT FUELING SYSTEM		
5. PROGRAM ELEMENT 1.11.27	6. CATEGORY CODE 211-173	7. PROJECT NUMBER YWHG939282	8. PROJECT COST(\$000) 15,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
B-2 AIRCRAFT MAINTENANCE DOCKS/HYDRANT FUELING SYSTEM		SF	52,500	150	7,875
SUPPORTING FACILITIES					5,700
UTILITIES		LS			(455)
SITE IMPROVEMENTS		LS			(420)
PAVEMENTS		LS			(420)
HYDRANT FUEL/CASS		LS			(3,985)
BLAST DEFLECTORS		LS			(420)
SUBTOTAL					13,575
CONTINGENCY (5%)					679
TOTAL CONTRACT COST					14,254
SUPERVISION, INSPECTION AND OVERHEAD (6%)					855
TOTAL REQUEST					15,109
TOTAL REQUEST (ROUNDED)					15,000
10. Description of Proposed Construction: Heated steel frame structures with powered hangar doors and prewired conduit for phone, data and security systems. Ground points in floor, oil/water separator, blast deflectors and Consolidated Aircraft Support System (CASS) (pantograph system, outlets and air conditioning). Fire suppression system including inverted deluge system (IDS) underwing fire suppression. Air Conditioning: 340 Tons.					
11. REQUIREMENT: 18 EA ADEQUATE: 12 EA SUBSTANDARD: 0 PROJECT: Construct B-2 aircraft maintenance docks and hydrant fueling system. (New Mission) REQUIREMENT: All B-2 aircraft assigned to the base must have an enclosed space to permit aircraft maintenance under all environmental conditions. Total number of covered spaces will include 14 maintenance docks, a fuel cell dock, corrosion control dock, and a heavy maintenance hangar. This project provides maintenance docks 9 and 10. B-2 docks are constructed in pairs due to the shared hydrant fuel/CASS area. The docks provide a minimally heated environment for maintenance crews to work on structural, propulsion and electronic components. The rear of the dock and large vehicle doors must be constructed to withstand the jet blast of aircraft for taxi-out capability. Rear doors are sized for access by munitions loading trailers. The dock must be appropriately secured to detect unauthorized access. Construction of covered spaces is phased to accommodate aircraft delivery and to take advantage of economies of scale. Refueling and CASS provisions are required in each maintenance space. CURRENT SITUATION: Three maintenance spaces (fuel cell, corrosion control and one dock) were provided in the FY 88 MILCON and three in the FY 89 MILCON (alter existing hangar = 2 spaces; and 1 dock). Two maintenance					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
WHITEMAN AIR FORCE BASE, MISSOURI		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-2 AIRCRAFT MAINTENANCE DOCKS/HYDRANT FUELING SYSTEM	YWHG939282	
<p>dock spaces are in FY 91, two in FY 93, and two in FY 94. This project provides two docks, two docks are programmed in FY 96, and two remaining docks will be programmed in the outyears to coincide with delivery of test aircraft to operational status. No other facilities are available to provide covered maintenance space to support the aircraft delivery schedule.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Because of the aircraft's low observable features, structural and propulsion maintenance tasks will have to be performed frequently. Complete coverage of the aircraft while on the ground will increase combat capability by reducing maintenance task times, repaint downtime, and fleet generation time. Failure to provide the necessary covered maintenance space will reduce aircraft availability and mission effectiveness, while increasing maintenance and turn-around time for the aircraft.</p> <p><u>ADDITIONAL:</u> A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that will meet operational requirements. Consequently, a full economic analysis was not performed. A certificate of exception has been prepared. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide," nor in Air Force Manual 86-2, "Standard Facility Requirements."</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
WHITEMAN AIR FORCE BASE, MISSOURI		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-2 AIRCRAFT MAINTENANCE DOCKS/HYDRANT FUELING SYSTEM	YWHG939282	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAY 03
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 SEP 17
(e) Date Design Complete		94 JUL 01
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		WHITEMAN
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		666
(b) All Other Design Costs		
(c) Total		666
(d) Contract		
(e) In-house		666
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
WHITEMAN AIR FORCE BASE, MISSOURI			UPGRADE STORM DRAINAGE FACILITIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.74.56C	871-183	YWHG972500	1,290		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE STORM DRAINAGE FACILITIES		LS			564
SUPPORTING FACILITIES					595
CORRECT CROSS-CONNECTIONS		LS			(595)
SUBTOTAL					1,159
CONTINGENCY (5%)					58
TOTAL CONTRACT COST					1,217
SUPERVISION, INSPECTION AND OVERHEAD (6%)					73
TOTAL REQUEST					1,290
TOTAL REQUEST (ROUNDED)					1,290
10. Description of Proposed Construction: Provide treatment of storm water runoff by correction of sanitary and storm sewer cross-connections and rerouting of non-storm water discharges to the sanitary sewer system. Connect oil/water separators, and provide necessary support.					
11. REQUIREMENT: As required. PROJECT: Upgrade storm drainage facilities. (Current Mission) REQUIREMENT: This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122.26 for storm water discharge. The storm water permit was issued on 1 Oct 93. The base is required to be in compliance with their National Pollutant Discharge Elimination System (NPDES) permit by Oct 96. The base is required to certify that non-storm water discharges are not connected to the storm drainage system. Corrective actions are required to eliminate sources of pollutants to the storm drain. CURRENT SITUATION: The base does not provide storm water runoff control measures from the industrial areas of the base. There are existing cross-connections which are not allowed by the storm water NPDES permit. Some non-storm water discharges (process and sanitary wastewater) are connected to or seep into the storm drainage system which is not allowed by the NPDES permit. IMPACT IF NOT PROVIDED: Whiteman AFB will be out of compliance with their NPDES permit. The continuous violation of storm water regulations have the potential for fines up to \$25,000 per day per violation and could create adverse publicity. ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION WHITEMAN AIR FORCE BASE, MISSOURI		
4. PROJECT TITLE UPGRADE STORM DRAINAGE FACILITIES	5. PROJECT NUMBER YWHG972500	
86-2, "Standard Facility Requirements".		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
WHITEMAN AIR FORCE BASE, MISSOURI		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	YWHG972500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 AUG 30
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 DEC 15
(e) Date Design Complete		94 AUG 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		60
(b) All Other Design Costs		63
(c) Total		123
(d) Contract		
(e) In-house		123
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
WHITEMAN AIR FORCE BASE, MISSOURI			B-2 ADD TO AND ALTER DOCK AND HANGAR FIRE PROTECTION SYSTEMS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
1.11.27	880-000	YWHG959203	3,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
B-2 ADD TO AND ALTER DOCK AND HANGAR					
FIRE PROTECTION SYSTEMS		SF	144,000	17	2,448
SUPPORTING FACILITIES					475
UTILITIES		LS			(475)
SUBTOTAL					2,923
CONTINGENCY (10%)					292
TOTAL CONTRACT COST					3,215
SUPERVISION, INSPECTION AND OVERHEAD (6%)					193
TOTAL REQUEST					3,408
TOTAL REQUEST (ROUNDED)					3,400
10. Description of Proposed Construction: Retrofit two existing B-2 maintenance docks for advanced technology fire protection by installing the Inverted Deluge System (IDS). Includes utilities, telemetry, fire department tie-ins and necessary support.					
11. REQUIREMENT: As required. PROJECT: Add to and alter B-2 dock and hangar fire protection systems with installation of IDS advance technology fire suppression in two of the eight existing docks. (New Mission) REQUIREMENT: National Fire Protection Association (NFPA) and implementing Air Force Manual (Standard 409) require aircraft maintenance areas be provided with a pre-action closed-head Aqueous Film Forming Foam (AFFF) sprinkler system which must include rate compensation devices. A supplemental under-wing AFFF application system is also required whenever individual wing and fuselage areas exceed 2500 square feet (e.g. B-2 aircraft). Fire suppression systems must be designed to "capture" water runoff to preclude contamination of wastewater systems and possible environmental damage. A fire must be detected and extinguished within 17-20 seconds to prevent damage or delamination of the composite materials used on the exterior surfaces of the B-2 bomber. This project installs the IDS in two of the eight existing docks. Another project in a future year installs the IDS in two more docks, and a final project completes the remaining four docks. CURRENT SITUATION: The development of advance technology (stealth) composite materials for the exterior surfaces of the B-2 has introduced a shorter time factor for detection and suppression of a fire before damage occurs. Fire protection/suppression technology has been developed and tested to react to this new requirement and must be retrofitted into eight					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION WHITEMAN AIR FORCE BASE, MISSOURI		
4. PROJECT TITLE B-2 ADD TO AND ALTER DOCK AND HANGAR FIRE PROTECTION SYSTEMS	5. PROJECT NUMBER YWHG959203	
<p>existing B-2 maintenance docks. All future maintenance docks will include the IDS during construction.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without a fire protection/suppression system that will react within 20 seconds, any fire will likely result in extensive damage to the unique surfaces of the B-2 aircraft or total loss of the asset. Failure to fund this project to allow completion prior to the scheduled arrival of the first seven aircraft by the end of 1995 will leave these critical assets without effective protection. A single, minor fire incident could easily result in damages which far exceed the cost of this entire project.</p> <p><u>ADDITIONAL:</u> A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that satisfies mission requirements; therefore, a full economic analysis was not required or performed. A certificate of exception has been prepared. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
WHITEMAN AIR FORCE BASE, MISSOURI		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-2 ADD TO AND ALTER DOCK AND HANGAR FIRE PROTECTION SYSTEMS	YWHG959203	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAY 03
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 OCT 01
(e) Date Design Complete		94 JUL 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		114
(b) All Other Design Costs		139
(c) Total		253
(d) Contract		
(e) In-house		253
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)								2. DATE	
AIR FORCE											
3. INSTALLATION AND LOCATION						4. COMMAND			5. AREA CONST COST INDEX		
MALMSTROM AIR FORCE BASE, MONTANA						AIR MOBILITY COMMAND			1.16		
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		640	3766	479				1	8	1	4,895
b. End FY 1999		652	3722	439				1	8	1	4,823
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,659)											
b. Inventory Total As Of: (30 SEP 93) 343,988											
c. Authorization Not Yet In Inventory: 1,100											
d. Authorization Requested In This Program: 7,200											
e. Authorization Included In Following Program: (FY 1996) 13,150											
f. Planned In Next Three Program Years: 29,400											
g. Remaining Deficiency: 0											
h. Grand Total: 394,838											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN		STATUS	
CODE	PROJECT TITLE			SCOPE		(\$000)		START		CMPL	
411-135	UNDERGROUND FUEL STORAGE TANKS			14 EA		3,200		APR 93		APR 94	
411-135	UNDERGROUND FUEL STORAGE TANKS			91 EA		4,000		APR 93		DEC 93	
	MINUTEMAN III FACILITIES										
TOTAL:						7,200					
9a. Future Projects: Included in the Following Program (FY 1996)											
141-782	AIR FREIGHT TERMINAL			LS		2,300					
212-216	ADD TO AND ALTER MISSILE			10,400 SF		2,150					
	MAINTENANCE SHOP										
610-249	MISSILE COMBAT OPERATIONS			49,000 SF		8,700					
	CENTER										
TOTAL:						13,150					
9b. Future Projects: Typical Planned Next Three Years:											
130-142	ADD TO AND ALTER FIRE/CRASH			13,400 SF		2,100					
	RESCUE STATION										
141-911	ADD TO AND ALTER MISSILE			74,600 SF		8,600					
	OPERATIONS BUILDING										
141-911	ADD TO AND ALTER MISSILE			78,900 SF		9,200					
	OPERATIONS BUILDING										
214-426	VEHICLE READINESS FACILITY			27,000 SF		4,200					
610-915	AFOSI MANAGEMENT FACILITY			LS		1,100					
10. Mission or Major Functions: An air refueling wing with two KC-135 squadrons; and AFSPACECOM missile wing consisting of four Minuteman intercontinental ballistic missile squadrons, one of which maintains a continuous alert posture, and UH-1 helicopters.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
MALMSTROM AIR FORCE BASE, MONTANA			UNDERGROUND FUEL STORAGE TANKS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.18.56	411-135	NZAS932501	3,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNDERGROUND FUEL STORAGE TANKS		EA	14		560
TANK REMOVAL/DISPOSAL		EA	14	40,000	(560)
SUPPORTING FACILITIES					2,190
UTILITIES RELOCATION		LS			(210)
SITE IMPROVEMENTS		LS			(355)
PAVEMENT REPLACEMENT		LS			(125)
SOIL REMEDIATION		LS			(510)
SOIL/WATER LAB ANALYSIS		LS			(165)
LINE REMEDIATION/REMOVAL		LS			(800)
DEMOLITION PUMPHOUSE		LS			(25)
SUBTOTAL					2,750
CONTINGENCY (10%)					275
TOTAL CONTRACT COST					3,025
SUPERVISION, INSPECTION AND OVERHEAD (6%)					182
TOTAL REQUEST					3,207
TOTAL REQUEST (ROUNDED)					3,200
10. Description of Proposed Construction: Remove 14 underground storage tanks, pavement, relocate utility systems and communications cables, contaminated soil removal, sludge disposal, laboratory sample analysis, and necessary support. Demolition of two pumphouses.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Remove underground fuel storage tanks. (Current Mission) <u>REQUIREMENT:</u> This is a Level I environmental compliance requirement. This project will demolish two pumphouses and remove 14 underground storage tanks and is required to comply with Title 16, Chapter 45, Montana Underground Storage Tank Rules for Tank Management and Operations which states that inactive or abandoned underground storage tanks must be removed from the ground or filled with an inert material within twelve months from the date taken out of service. Although federal and state regulations allow closure of abandoned tanks by filling them with an inert material, Air Force policy requires removal of abandoned tanks to preclude future liability and record keeping associated with tanks that have been closed in place. <u>CURRENT SITUATION:</u> The base has two liquid fuel pumphouses, constructed in the early 1950s, with twelve 50,000 gallon underground fuel storage tanks and two 2,000 gallon waste fuel storage tanks. The pumphouses are no longer required to meet the installation's fuel storage requirements. The 14 storage tanks are abandoned in place and are currently in violation of Title 16, Chapter 45, Montana Underground Storage Tank Rules for Tank Management and Operations. Nine of these tanks have been abandoned for approximately ten years, while five tanks were abandoned in Aug 1993. Accomplishment of this project will satisfy state environmental regulatory laws.					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MALMSTROM AIR FORCE BASE, MONTANA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	NZAS932501	
<p><u>IMPACT IF NOT PROVIDED:</u> Failure to remove these underground storage tanks will result in the State of Montana issuing an open enforcement action (OEA), which could result in fines or penalties. These penalties include denying underground tank permits or closing down refueling operations at Malmstrom.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Criteria" or Air Force Manual 86-2, "Standard Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that satisfies statutory requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
MALMSTROM AIR FORCE BASE, MONTANA			
4. PROJECT TITLE		5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS		NZAS932501	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a)	Date Design Started	93 APR 26	
(b)	Parametric Cost Estimates used to develop costs	Y	
(c)	Percent Complete as of Jan 1994	35%	
(d)	Date 35% Designed.	94 JAN 13	
(e)	Date Design Complete	94 APR 15	
(2) Basis:			
(a)	Standard or Definitive Design -	NO	
(b)	Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a)	Production of Plans and Specifications	190	
(b)	All Other Design Costs	110	
(c)	Total	300	
(d)	Contract	275	
(e)	In-house	25	
(4) Construction Start			95 FEB
b. Equipment associated with this project will be provided from other appropriations: N/A			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
MALMSTROM AIR FORCE BASE, MONTANA		UNDERGROUND FUEL STORAGE TANKS MINUTEMAN III FACILITIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
4.18.56	411-135	NZAS952500	4,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UNDERGROUND FUEL STORAGE TANKS	EA	91		2,899
MINUTEMAN III FACILITIES				(2,219)
REPLACE UNDERGROUND STORAGE TANKS	EA	43	51,600	(250)
UPGRADE UNDERGROUND STORAGE TANKS	EA	5	50,000	(430)
TANK REMOVAL/DISPOSAL	EA	43	10,000	530
SUPPORTING FACILITIES				(20)
UTILITIES	LS			(60)
SITE IMPROVEMENTS	LS			(450)
SOIL REMEDIATION	LS			3,429
SUBTOTAL				343
CONTINGENCY (10%)				3,772
TOTAL CONTRACT COST				226
SUPERVISION, INSPECTION AND OVERHEAD (6%)				3,998
TOTAL REQUEST				4,000
TOTAL REQUEST (ROUNDED)				
10. Description of Proposed Construction: Remove and replace 43 deep buried tanks and replace with double-walled fiberglass reinforced plastic tanks and upgrade five deep buried tanks to include replacing the product supply lines, return lines, vent lines, removal/disposal of contaminated soil, and all necessary support.				
11. REQUIREMENT: As required. PROJECT: Remove, replace, and upgrade underground fuel storage tanks at Minuteman III facilities. (Current Mission) REQUIREMENT: This is a Level II environmental compliance requirement. This project will remove 43 deep buried tanks and replace them with new double-walled fiberglass reinforced plastic tanks. This project will also upgrade 5 steel tanks. Federal and state regulations (40 CFR 280.20-.21) and Title 16, Chapter 45, Montana Underground Storage Tank Rules, require that new fiberglass reinforced plastic tanks be installed with spill/overflow prevention and leak detection monitoring systems. For steel tanks being upgraded in place, these regulations require installation of corrosion protection, spill/overflow prevention, and leak detection monitoring systems by December 1998. CURRENT SITUATION: Underground fuel storage tanks at missile sites in Montana do not meet federal regulatory requirements for corrosion protection, leak detection monitoring, and overfill/spill protection. The tanks included in this project are up to 40 feet deep. IMPACT IF NOT PROVIDED: If these tanks are not brought into environmental compliance by December 1998, the base will be in violation of the law and may be issued notices of violation (NOVs), be fined, and receive significant adverse publicity. ADDITIONAL: There is no criteria/scope for this project in Part II of				

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION MALMSTROM AIR FORCE BASE, MONTANA		
4. PROJECT TITLE UNDERGROUND FUEL STORAGE TANKS MINUTEMAN III FACILITIES	5. PROJECT NUMBER NZAS952500	
<p>Military Handbook 1190, "Facility Planning and Design Guide" or Air Force Manual 86-2, "Standard Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that satisfies statutory requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MALMSTROM AIR FORCE BASE, MONTANA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS MINUTEMAN III FACILITIES	NZAS952500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 21
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		100%
(d) Date 35% Designed.		93 AUG 30
(e) Date Design Complete		93 DEC 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		240
(b) All Other Design Costs		140
(c) Total		380
(d) Contract		
(e) In-house		380
(4) Construction Start		95 FEB
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
OFFUTT AIR FORCE BASE, NEBRASKA				AIR COMBAT COMMAND				0.98			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		2122	7500	1326		58					11,006
b. End FY 1999		1929	6891	1391				265	118	27	10,621
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,992)											
b. Inventory Total As Of: (30 SEP 93) 443,478											
c. Authorization Not Yet In Inventory: 17,990											
d. Authorization Requested In This Program: 2,260											
e. Authorization Included In Following Program: (FY 1996) 3,850											
f. Planned In Next Three Program Years: 31,600											
g. Remaining Deficiency: 0											
h. Grand Total: 499,178											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST	DESIGN STATUS				
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
411-135	UNDERGROUND FUEL STORAGE TANKS	24 EA				760	JUN 93	MAR 94			
871-183	UPGRADE STORM DRAINAGE FACILITIES	LS				1,500	MAY 93	MAY 94			
TOTAL:						2,260					
9a. Future Projects: Included in the Following Program (FY 1996)											
740-884 CHILD DEVELOPMENT CENTER		24,100 SF				3,850					
TOTAL:						3,850					
9b. Future Projects: Typical Planned Next Three Years:											
121-124 UPGRADE JET FUEL PUMPING FACILITY		LS				3,300					
121-124 UPGRADE HYDRANT FUEL PUMPING SYSTEM		LS				18,600					
179-475 COMBAT ARMS TRAINING AND MAINTENANCE FACILITY		LS				1,500					
442-758 WAREHOUSE		20,000 SF				2,500					
813-000 UPGRADE ELECTRIC SUBSTATION		LS				5,700					
10. Mission or Major Functions: Headquarters United States Strategic Command; a flying wing which consists of two reconnaissance squadrons (RC-135 aircraft), two airborne command and control squadrons (E-4 and EC-135 aircraft) which maintain a modified alert posture, and an airlift flight (C-21 aircraft); an intelligence wing; Air Force Global Weather Central; and a USAF regional hospital.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:						1,500					
b. Water pollution:						3,500					
c. Occupational safety and health:						0					
d. Other Environmental:						1,500					

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
OFFUTT AIR FORCE BASE, NEBRASKA			UPGRADE STORM DRAINAGE FACILITIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.74.56C	871-183	SGBP952500	1,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE STORM DRAINAGE FACILITIES		LS			650
SUPPORTING FACILITIES					700
CORRECT CROSS-CONNECTIONS		LS			(700)
SUBTOTAL					1,350
CONTINGENCY (5%)					68
TOTAL CONTRACT COST					1,418
SUPERVISION, INSPECTION AND OVERHEAD (6%)					85
TOTAL REQUEST					1,503
TOTAL REQUEST (ROUNDED)					1,500
10. Description of Proposed Construction: Provide treatment of storm water runoff by correction of sanitary and storm sewer cross-connections and rerouting of non-storm water discharges to the sanitary sewer system. Connect oil/water separators, and provide necessary support.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Upgrade storm drainage facilities. (Current Mission) <u>REQUIREMENT:</u> This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122.26 for storm water discharge. The storm water permit was issued on 1 Oct 93. The base is required to be in compliance with their National Pollutant Discharge Elimination System (NPDES) permit by Oct 96. The base is required to certify that non-storm water discharges are not connected to the storm drainage system. Corrective actions are required to eliminate sources of pollutants to the storm drain. <u>CURRENT SITUATION:</u> The base does not provide storm water runoff control measures from the industrial areas of the base. There are existing cross-connections which are not allowed by the storm water NPDES permit. Some non-storm water discharges (process and sanitary wastewater) are connected to or seep into the storm drainage system which is not allowed by the NPDES permit. <u>IMPACT IF NOT PROVIDED:</u> Offutt AFB will be out of compliance with their NPDES permit. The continuous violation of storm water regulations have the potential for fines up to \$25,000 per day per violation and could create adverse publicity. <u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
OFFUTT AIR FORCE BASE, NEBRASKA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	SGBP952500	
86-2, "Standard Facility Requirements".		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
OFFUTT AIR FORCE BASE, NEBRASKA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	SGBP952500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAY 14
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 NOV 08
(e) Date Design Complete		94 MAY 19
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		90
(b) All Other Design Costs		46
(c) Total		136
(d) Contract		91
(e) In-house		45
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
MCGUIRE AIR FORCE BASE, NEW JERSEY				AIR MOBILITY COMMAND				1.19			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		471	3470	1212	71	253	12	2	11		5,502
b. End FY 1999		455	3316	1195		65		1	10		5,042
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,602)											
b. Inventory Total As Of: (30 SEP 93)										237,570	
c. Authorization Not Yet In Inventory:										45,370	
d. Authorization Requested In This Program:										17,000	
e. Authorization Included In Following Program: (FY 1996)										44,400	
f. Planned In Next Three Program Years:										38,600	
g. Remaining Deficiency:										0	
h. Grand Total:										382,940	
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
721-312	DORMITORY	265 PN				8,700	AUG 93	AUG 94			
721-312	DORMITORY	60 PN				1,600	SEP 93	SEP 94			
832-266	UPGRADE SANITARY SEWER SYSTEM	LS				4,800	APR 93	SEP 94			
871-183	UPGRADE STORM DRAINAGE FACILITIES	LS				1,900	SEP 93	JUL 94			
TOTAL:						17,000					
9a. Future Projects: Included in the Following Program (FY 1996)											
113-321	ADD TO PARKING RAMP	LS				4,100					
141-753	SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT FACILITY	42,705 SF				6,900					
141-753	SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT FACILITY	42,705 SF				6,900					
141-753	SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT FACILITY	41,475 SF				7,600					
171-212	ADD TO KC-10 FLIGHT SIMULATOR TRAINING	LS				2,300					
179-511	FIREMEN TRAINING FACILITY	LS				1,600					
179-511	FIRE TRAINING FACILITY	LS				1,600					
721-312	DORMITORY	348 PN				13,400					
TOTAL:						44,400					
9b. Future Projects: Typical Planned Next Three Years:											
721-312	ALTER UNACCOMPANIED ENLISTED HSG	280 PN				7,800					
721-312	DORMITORY	348 PN				13,800					
721-312	ALTER UNACCOMPANIED ENLISTED HSG	252 PN				8,000					
740-316	RECREATION CENTER	22,500 SF				1,800					
880-212	OPEN-HEAD DELUGE SYSTEM	LS				1,600					
10. Mission or Major Functions: Headquarters Twenty-First Air Force; an airlift wing with three C-141 squadrons; an Air Force Reserve C-141 associate airlift wing; and Air National Guard air refueling wing with two KC-135 squadrons.											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
MCGUIRE AIR FORCE BASE, NEW JERSEY				AIR MOBILITY COMMAND				1.19			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of											
b. End FY											
7. INVENTORY DATA (\$000)											
a. Total Acreage:											
b. Inventory Total As Of:											
c. Authorization Not Yet In Inventory:											
d. Authorization Requested In This Program:											
e. Authorization Included In Following Program:											
f. Planned In Next Three Program Years:											
g. Remaining Deficiency:											
h. Grand Total:											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										1,600	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
MCGUIRE AIR FORCE BASE, NEW JERSEY			DORMITORY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.18.96	721-312	PTFL923001	8,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
DORMITORY (265 PN)		SF	58,000	110	6,380
SUPPORTING FACILITIES					1,465
UTILITIES		LS			(510)
SITE IMPROVEMENTS		LS			(365)
PAVEMENTS		LS			(590)
SUBTOTAL					7,845
CONTINGENCY (5%)					392
TOTAL CONTRACT COST					8,237
SUPERVISION, INSPECTION AND OVERHEAD (6%)					494
TOTAL REQUEST					8,731
TOTAL REQUEST (ROUNDED)					8,700
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes room-bath-room modules, laundry, storage and lounge areas, fire protection and other necessary support.					
Air Conditioning: 80 Tons. Grade Mix: 240 E1-E4; 25 E5-E6.					
11. REQUIREMENT: 2,158 PN ADEQUATE: 1,056 PN SUBSTANDARD: 1,382 PN					
PROJECT: Construct a dormitory. (Current Mission)					
REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform.					
CURRENT SITUATION: There are currently not enough adequate dormitories to meet billeting requirements of unaccompanied enlisted personnel at this base. Substandard facilities to be replaced are semi-permanent facilities which do not provide semi-private baths, adequate control of heating and air conditioning, sufficient noise attenuation or necessary amenities to adequately house enlisted personnel. The current dormitory occupancy rate is 100 percent.					
IMPACT IF NOT PROVIDED: Substandard living accommodations on base will continue to be a contributing factor to low morale, reduced productivity and dissatisfaction with Air Force life for unaccompanied enlisted personnel.					
ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing alternatives of new construction.					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
MCGUIRE AIR FORCE BASE, NEW JERSEY			
4. PROJECT TITLE		5. PROJECT NUMBER	
DORMITORY		PTFL923001	
<p>demolishing existing dorms and sending enlisted personnel off base paying BAQ/VHA, revitalization and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost-effective over the life of the project. Project has been considered for FY98 force structure end strength.</p>			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MCGUIRE AIR FORCE BASE, NEW JERSEY		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	PTFL923001	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 AUG 15
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		15%
(d) Date 35% Designed.		94 FEB 28
(e) Date Design Complete		94 AUG 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		522
(b) All Other Design Costs		304
(c) Total		826
(d) Contract		736
(e) In-house		90
(4) Construction Start		95 FEB
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION MCGUIRE AIR FORCE BASE, NEW JERSEY			4. PROJECT TITLE DORMITORY		
5. PROGRAM ELEMENT 4.12.19	6. CATEGORY CODE 721-312	7. PROJECT NUMBER PTFL943191	8. PROJECT COST(\$000) 1,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
DORMITORY (60 PN)		SF	12,000	105	1,260
SUPPORTING FACILITIES					195
UTILITIES		LS			(60)
SITE IMPROVEMENTS		LS			(65)
PAVEMENTS		LS			(70)
SUBTOTAL					1,455
CONTINGENCY (5%)					73
TOTAL CONTRACT COST					1,528
SUPERVISION, INSPECTION AND OVERHEAD (6%)					92
TOTAL REQUEST					1,620
TOTAL REQUEST (ROUNDED)					1,600
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes room-bath-room modules, laundries, storage and lounge areas and other necessary support. Air Conditioning: 35 Tons. Grade Mix: 60 El-E4.					
11. REQUIREMENT: 2,386 PN ADEQUATE: 1,056 PN SUBSTANDARD: 1,382 PN PROJECT: Construct a dormitory. (New Mission) <u>REQUIREMENT:</u> A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. <u>CURRENT SITUATION:</u> The Base Realignment and Closure, Round III (BRAC 93) decision realigned KC-10s to McGuire. Subsequent to the closure decision, the USAF decided to consolidate further by moving additional KC-10 aircraft to McGuire. There are not enough dormitories on base to accommodate the additional unaccompanied enlisted personnel who will relocate to this base in support of the Air Force tanker realignment. By adding this requirement to the BRAC dormitory project a single facility can be constructed to satisfy both requirements. Existing dormitories are 100 percent occupied. <u>IMPACT IF NOT PROVIDED:</u> Substandard living conditions will persist and morale, productivity, and career satisfaction of the enlisted force will continue to be degraded. <u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". This is a companion project to the BRAC 93 Dormitory project PTFL943176R3 which					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
MCGUIRE AIR FORCE BASE, NEW JERSEY			
4. PROJECT TITLE		5. PROJECT NUMBER	
DORMITORY		PTFL943191	
<p>results in a 228 person dormitory. Project meets FY98 force structure end strength.</p>			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
MCGUIRE AIR FORCE BASE, NEW JERSEY			
4. PROJECT TITLE		5. PROJECT NUMBER	
DORMITORY		PTFL943191	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a)	Date Design Started	93 SEP 21	
(b)	Parametric Cost Estimates used to develop costs	Y	
(c)	Percent Complete as of Jan 1994	15%	
(d)	Date 35% Designed.	94 FEB 28	
(e)	Date Design Complete	94 SEP 25	
(2) Basis:			
(a)	Standard or Definitive Design -	NO	
(b)	Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a)	Production of Plans and Specifications	96	
(b)	All Other Design Costs	64	
(c)	Total	160	
(d)	Contract	105	
(e)	In-house	55	
(4) Construction Start			95 APR
b. Equipment associated with this project will be provided from other appropriations: N/A			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
MCGUIRE AIR FORCE BASE, NEW JERSEY		UPGRADE SANITARY SEWER SYSTEM		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
4.18.56	832-266	PTFL943003	4,800	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE SANITARY SEWER SYSTEM	LS			3,874
UPGRADE SANITARY SEWER MAINS	LF	68,500	35	(2,398)
CONSTRUCT SANITARY SEWER MAINS	LF	18,000	73	(1,314)
REPAIR/REPLACE MANHOLES	EA	270	600	(162)
SUPPORTING FACILITIES				230
SITE IMPROVEMENTS/PAVEMENTS	LS			(230)
SUBTOTAL				4,104
CONTINGENCY (10%)				410
TOTAL CONTRACT COST				4,514
SUPERVISION, INSPECTION AND OVERHEAD (6%)				271
TOTAL REQUEST				4,785
TOTAL REQUEST (ROUNDED)				4,800
10. Description of Proposed Construction: All work necessary to upgrade existing sanitary sewer main lines throughout the base. Work includes installing protective linings, replacing existing pipe with vitreous clay pipe where required, regrouting existing manholes, replacing selected manholes and repairing pavements as necessary.				
11. REQUIREMENT: As required. <u>PROJECT:</u> Upgrade sanitary sewer system. (Current Mission) <u>REQUIREMENT:</u> This is a Level I environmental compliance requirement. This project corrects National Pollutant Discharge Elimination System (NPDES) violations. Court order EPA-CWA-IT-90-214, issued 17 Dec 90, requires McGuire to maintain compliance with the NPDES permit conditions. The NPDES Permit for McGuire states that flow cannot exceed 1.25 million gallons per day. This project is required to eliminate excessive infiltration/inflow to prevent hydraulic overloading in the sanitary sewage collection system. This is necessary to meet the stringent requirements of the Clean Water Act as implemented by regulations, existing court order, and permits issued by the US Environmental Protection Agency (EPA), New Jersey Department of Environmental Protection and the Pinelands Commission. <u>CURRENT SITUATION:</u> The 39-year-old sanitary sewer system has deteriorated and cannot meet the current environmental compliance requirements established by the Clean Water Act. Constant sewage line leaks, problems associated with excessive infiltration/inflow to the existing sewage treatment plant, and hydraulic overloading have resulted in McGuire AFB exceeding state pollution discharge permits. Even with a new sewage treatment plant in the FY 92 MILCON program, hydraulic overloading will still occur and cause continuous violations of state discharge permits. A				

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MCGUIRE AIR FORCE BASE, NEW JERSEY		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SANITARY SEWER SYSTEM	PTFL943003	
<p>FY93 military construction project upgrades 36 percent of the sanitary sewer system. This project upgrades the remaining underground sewage system.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The sanitary sewer system will continue to deteriorate, thus increasing the amount of excessive infiltration/inflow to the existing and proposed sewage treatment plant. This will expose the Air Force and DOD to adverse publicity, increased fines, and possible continuation of outside legal action.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, and new construction) was done. It indicates there is only one option that satisfies regulatory requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MCGUIRE AIR FORCE BASE, NEW JERSEY		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SANITARY SEWER SYSTEM	PTFL943003	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 29
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		15%
(d) Date 35% Designed.		94 MAR 30
(e) Date Design Complete		94 SEP 29
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		200
(b) All Other Design Costs		200
(c) Total		400
(d) Contract		375
(e) In-house		25
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION MCGUIRE AIR FORCE BASE, NEW JERSEY			4. PROJECT TITLE UPGRADE STORM DRAINAGE FACILITIES		
5. PROGRAM ELEMENT 4.18.56	6. CATEGORY CODE 871-183	7. PROJECT NUMBER PTFL943002	8. PROJECT COST(\$000) 1,900		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE STORM DRAINAGE FACILITIES	LS			1,614	
UPGRADE STORM SEWER MAINS	LF	35,400	35	(1,239)	
CONSTRUCT STORM SEWER MAINS	LF	3,000	75	(225)	
REPAIR/REPLACE MANHOLES	EA	300	500	(150)	
SUPPORTING FACILITIES				35	
SITE IMPROVEMENTS/PAVING	LS			(35)	
SUBTOTAL				1,649	
CONTINGENCY (10%)				165	
TOTAL CONTRACT COST				1,814	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				109	
TOTAL REQUEST				1,923	
TOTAL REQUEST (ROUNDED)				1,900	
10. Description of Proposed Construction: Upgrade storm sewer lines that currently cross the runway. Work includes upgrading three 10-foot storm sewers by installing liners in some reaches, replacing damaged pipe with new pipe where necessary and repairing manholes and paving as required.					
11. REQUIREMENT: As required. PROJECT: Upgrade storm drainage facilities. (Current Mission) REQUIREMENT: This is a Level II environmental compliance requirement. This project will correct stormwater runoff deficiencies which violate 40 CFR 122.26. These deficiencies must be corrected by 1 Oct 96. An adequate storm drainage system is required to prevent flooding of base and adjoining lands and facilities by collecting runoff from rainfall and conveying it to nearby streams. Without adequate sewer lines, heavy runoff can mix with oil and other contaminants resulting in contamination of nearby waterways. The system must be independent of the existing sanitary sewer system and must reduce excessive infiltration/inflow to the wastewater treatment plant. The upgrading of these sewers will provide improved drainage around the base, where needed, to prevent ponding and storm water entry into the sanitary sewer through manholes and possible cross-connectors with the sanitary sewer system. CURRENT SITUATION: The base storm drainage system has deteriorated to the point that it cannot meet current environmental compliance requirements established by the Clean Water Act. Excessive infiltration/inflow during storm events causes hydraulic overloading at the existing wastewater treatment plant upsetting the treatment processes. The aging storm sewer network contributes to sewage plant overload through direct cross connections, infiltration to the sanitary sewer system, inadequate inlet, and sewer capacity. A FY93 military construction project upgrades 37					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MCGUIRE AIR FORCE BASE, NEW JERSEY		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	PTFL943002	
<p>percent of the storm water system. This project upgrades the remaining storm water system.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Uncontrolled runoff will result in the base being unable to meet discharge limits during heavy rains. There would be an increase in surface water contamination and uncontrolled runoff would continue to be a potential health and safety hazard to base personnel.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MCGUIRE AIR FORCE BASE, NEW JERSEY		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	PTFL943002	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 SEP 15
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		95%
(d) Date 35% Designed.		93 SEP 19
(e) Date Design Complete		94 JUL 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		90
(b) All Other Design Costs		103
(c) Total		193
(d) Contract		113
(e) In-house		80
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION						4. COMMAND		5. AREA CONST COST INDEX			
HOLLOMAN AIR FORCE BASE, NEW MEXICO						AIR COMBAT COMMAND		1.06			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		555	4031	976	181	150	12	7	8	61	5,981
b. End FY 1999		486	3965	1041	6	34	2	26	239	397	6,196
7. INVENTORY DATA (\$000)											
a. Total Acreage: (58,565)											
b. Inventory Total As Of: (30 SEP 93) 337,786											
c. Authorization Not Yet In Inventory: 30,220											
d. Authorization Requested In This Program: 3,950											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 21,040											
g. Remaining Deficiency: 0											
h. Grand Total: 392,996											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE			SCOPE		(\$000)		START	CMPL		
721-312	DORMITORY			142 PN		3,950		JUN 93	AUG 94		
						TOTAL:		3,950			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
112-211	TAXIWAY			25,750 SY		1,540					
130-142	FIRE/CRASH RESCUE STATION			5,700 SF		1,300					
312-472	ADD TO ENVIRONMENTAL RESEARCH LABORATORY			6,000 SF		4,000					
315-944	ADD TO AND ALTER WEAPON GUIDANCE LAB			3,900 SF		1,200					
721-312	ALTER UNACCOMPANIED ENLISTED HSG			250 PN		6,900					
10. Mission or Major Functions: A fighter wing with three F-117 squadrons one of which is responsible for training all F-117 aircrews, and a combat air rescue detachment (HH-60 helicopters); a mobility support squadron (maintains the Harvest Bare kit); an Air Force Materiel Command test group; a German Air Force fighter training squadron (F-4 aircraft); and an Air National Guard fighter interceptor detachment (F-16 aircraft).											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
HOLLOMAN AIR FORCE BASE, NEW MEXICO			DORMITORY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.75.96C	721-312	KWRD943007	3,950		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
DORMITORY (142 PN)	SF	30,100	92	2,769	
SUPPORTING FACILITIES				795	
UTILITIES	LS			(175)	
SITE IMPROVEMENTS	LS			(235)	
PAVEMENTS	LS			(75)	
ASBESTOS DISPOSAL	SF	25,700	6	(155)	
DEMOLITION	SF	25,700	6	(155)	
SUBTOTAL				3,564	
CONTINGENCY (5%)				178	
TOTAL CONTRACT COST				3,742	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				225	
TOTAL REQUEST				3,967	
TOTAL REQUEST (ROUNDED)				3,950	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, concrete framed facility, insulated maintenance-free exterior masonry walls, and built-up roof system. Includes room-bath-room modules, laundries, storage, lounge areas, fire protection, utilities, site work, and all necessary support. Associated work includes demolition of one existing dormitory facility. Air Conditioning: 86 Tons. Grade Mix: 142 E1-E4.					
11. REQUIREMENT: 1,466 PN ADEQUATE: 1,048 PN SUBSTANDARD: 351 PN PROJECT: Construct a dormitory. (Current Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, safety, and personal well-being. Properly designed and furnished quarters, which provide some degree of individual privacy, are essential to successfully accomplish the increasingly complicated and important jobs these people must perform. CURRENT SITUATION: Holloman's dormitories were among the worst in Air Combat Command. The one remaining dilapidated dormitory cannot be economically upgraded to current standards and requires constant maintenance and repair. This dormitory has received no major upgrade since it was originally constructed over thirty years ago and it lacks privacy and adequate living space per occupant. It also has obsolete electrical and mechanical systems as well as inadequate lighting, insulation and sound attenuation. The existing fire detection system does not meet current standards as set forth in the NFPA Life Safety Code. The existing dormitory facility (25,716 SF) will be demolished upon construction completion of this facility. IMPACT IF NOT PROVIDED: Substandard living conditions will continue to					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
HOLLOMAN AIR FORCE BASE, NEW MEXICO		
4. PROJECT TITLE	5. PROJECT NUMBER	
DORMITORY	KWRD943007	
<p>degrade the morale, productivity and career satisfaction of the enlisted force.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". This project has been considered for FY 98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
HOLLOMAN AIR FORCE BASE, NEW MEXICO			
4. PROJECT TITLE		5. PROJECT NUMBER	
DORMITORY		KWRD943007	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started		93 JUN 03	
(b) Parametric Cost Estimates used to develop costs		Y	
(c) Percent Complete as of Jan 1994		60%	
(d) Date 35% Designed.		93 NOV 30	
(e) Date Design Complete		94 AUG 10	
(2) Basis:			
(a) Standard or Definitive Design -		YES	
(b) Where Design Was Most Recently Used -		HOLLOMAN	
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			71
(b) All Other Design Costs			208
(c) Total			279
(d) Contract			71
(e) In-house			208
(4) Construction Start			95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A			

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)							2. DATE		
AIR FORCE											
3. INSTALLATION AND LOCATION					4. COMMAND			5. AREA CONST COST INDEX			
KIRTLAND AIR FORCE BASE, NEW MEXICO					AIR FORCE MATERIEL COMMAND			1.02			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		1227	3213	2249	101	262	101	89	170	120	7,532
b. End FY 1999		1300	2935	2332	43	98	33	89	152	120	7,102
7. INVENTORY DATA (\$000)											
a. Total Acreage: (44,025)											
b. Inventory Total As Of: (30 SEP 93) 433,138											
c. Authorization Not Yet In Inventory: 12,150											
d. Authorization Requested In This Program: 3,200											
e. Authorization Included In Following Program: (FY 1996) 22,950											
f. Planned In Next Three Program Years: 61,140											
g. Remaining Deficiency: 0											
h. Grand Total: 532,578											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE			SCOPE		(\$000)		START	CMPL		
411-135	UNDERGROUND FUEL STORAGE TANKS			94 EA		3,200		JAN 93	AUG 94		
TOTAL:						3,200					
9a. Future Projects: Included in the Following Program (FY 1996)											
179-511	FIRE TRAINING FACILITY			1 EA		1,600					
318-614	SOLAR/ELECTRIC LABORATORIES			14,200 SF		2,200					
610-249	ADD TO AND ALTER BASE SUPPORT FACILITIES			89,700 SF		8,000					
721-312	ALTER UNACCOMPANIED ENLISTED HSG			250 PN		4,000					
740-674	ADD TO AND ALTER PHYSICAL FITNESS CENTER			16,330 SF		1,500					
740-884	CHILD DEVELOPMENT CENTER			23,000 SF		2,800					
832-266	ADD TO SANITARY SEWER MAINS			21,500 LF		1,450					
871-183	ALTER STORM DRAINAGE CHANNEL			3,100 LF		1,400					
TOTAL:						22,950					
9b. Future Projects: Typical Planned Next Three Years:											
171-212	FLIGHT SIMULATION TRAINING			24,540 SF		4,500					
211-159	AIRCRAFT CORROSION CONTROL FACILITY			24,000 SF		6,100					
312-477	LABORATORY RESEARCH PARK PHASE III			4,200 SF		500					
800-000	ECIP			LS		1,000					
842-245	ADD TO AND ALTER BASE WATER SYSTEM			LS		8,800					
10. Mission or Major Functions: Phillips Laboratory; the Air Force Operational Test and Evaluation Center; an Air Education and Training Command crew training wing with two flying training squadrons (MH-53, TH-53, UH-1, and MH-60 helicopters, and MC-130 and HC-130 aircraft); Air Force Security Police Agency; and an Air National Guard fighter group (F-16 aircraft). Major tenants include Naval Weapons Evaluation Facility and Sandia National Laboratory.											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
KIRTLAND AIR FORCE BASE, NEW MEXICO				AIR FORCE MATERIEL COMMAND				1.02			
6. PERSONNEL STRENGTH		PERMANENT		STUDENTS			SUPPORTED				
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of											
b. End FY											
7. INVENTORY DATA (\$000)											
a. Total Acreage:											
b. Inventory Total As Of:											
c. Authorization Not Yet In Inventory:											
d. Authorization Requested In This Program:											
e. Authorization Included In Following Program:											
f. Planned In Next Three Program Years:											
g. Remaining Deficiency:											
h. Grand Total:											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										7,050	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
KIRTLAND AIR FORCE BASE, NEW MEXICO			UNDERGROUND FUEL STORAGE TANKS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
7.80.56	411-135	MMHV953020	3,200		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UNDERGROUND FUEL STORAGE TANKS	EA	94		1,923	
UNDERGROUND STORAGE TANKS	EA	11	49,000	(539)	
ABOVEGROUND STORAGE TANKS	EA	23	38,000	(874)	
TANK REMOVAL/DISPOSAL	EA	60	8,500	(510)	
SUPPORTING FACILITIES				820	
UTILITIES	LS			(40)	
SITE IMPROVEMENTS	LS			(80)	
SOIL REMEDIATION	LS			(700)	
SUBTOTAL				2,743	
CONTINGENCY (10%)				274	
TOTAL CONTRACT COST				3,017	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				181	
TOTAL REQUEST				3,198	
TOTAL REQUEST (ROUNDED)				3,200	
10. Description of Proposed Construction: Remove 60 underground storage tanks; install 11 new underground tanks and 23 new aboveground tanks complete with leak detection, spill/overfill prevention, corrosion protection, soil remediation, site work, utilities and other necessary support.					
11. REQUIREMENT: As required. PROJECT: Remove and install underground fuel storage tanks. (Current Mission) REQUIREMENT: This is a Level II environmental compliance requirement. Environmentally safe storage tanks are required to comply with Environmental Protection Agency (EPA) regulations under Resource Conservation and Recovery Act (RCRA) Subtitle I (40 CFR, part 280) and comparable state regulations. All underground storage tanks must be upgraded or replaced by December 1998. These tanks are needed for operating storage of petroleum products and other environmentally controlled substances which are used in support of laboratories, shops, electric generators and gas stations. CURRENT SITUATION: Most of the existing underground storage tanks do not meet the requirements of current regulations including leak detection, corrosion protection and spill/overfill protection. All of the regulated tanks require annual integrity (tightness) testing, daily fluid level monitoring and monthly reconciliation and control since they lack the proper continuous monitoring equipment and controls. If these tanks are not upgraded, the exposure to environmental liability will increase. The new underground storage tanks vary from 500 to 10,000 gallon capacity and new aboveground storage tanks vary from 500 to 33,000 gallon capacity. IMPACT IF NOT PROVIDED: The base will be out of compliance with EPA					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
KIRTLAND AIR FORCE BASE, NEW MEXICO		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	MHMV953020	
<p>regulations and, with the passage of time, the potential for groundwater contamination will increase. Non-compliance could result in fines of up to \$25,000 per day. Removal of tanks without replacement would seriously impact accomplishment of the base missions.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in either Part II of Military Handbook 1190, "Facility Planning and Design Guide" or Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
KIRTLAND AIR FORCE BASE, NEW MEXICO		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	MHMV953020	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JAN 20
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 OCT 15
(e) Date Design Complete		94 AUG 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		180
(b) All Other Design Costs		216
(c) Total		396
(d) Contract		
(e) In-house		396
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST COST INDEX				
POPE AIR FORCE BASE, NORTH CAROLINA				AIR COMBAT COMMAND			0.80				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		672	4017	449	23	46	48	9	157	43	5,464
b. End FY 1999		534	3745	374		5		11	113	23	4,805
7. INVENTORY DATA (\$000)											
a. Total Acreage: (1,913)											
b. Inventory Total As Of: (30 SEP 93) 108,380											
c. Authorization Not Yet In Inventory: 30,380											
d. Authorization Requested In This Program: 6,600											
e. Authorization Included In Following Program: (FY 1996) 8,730											
f. Planned In Next Three Program Years: 2,150											
g. Remaining Deficiency: 86,800											
h. Grand Total: 243,040											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
136-661	AIRCRAFT PARKING APRON			LS		1,500		JUL 93	JUN 94		
	LIGHTING										
179-511	FIRE TRAINING FACILITY			1 EA		1,100		JUN 93	AUG 94		
851-142	BRIDGE, ROAD AND UTILITIES			LS		0		JUN 93	JUL 94		
TOTAL:						2,600					
9a. Future Projects: Included in the Following Program (FY 1996)											
141-753	SQUADRON OPERATIONS FACILITY			33,600 SF		5,000					
721-312	CONSTRUCT DORMITORY			165 PN		3,200					
871-183	STORM DRAINAGE FACILITIES			LS		530					
TOTAL:						8,730					
9b. Future Projects: Typical Planned Next Three Years:											
411-135	UNDERGROUND FUEL STORAGE TANKS			29 EA		2,150					
10. Mission or Major Functions: A composite wing which includes one F-16 squadron, one A/OA-10 squadron, and two C-130 squadrons.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution: 1,500											
b. Water pollution: 3,500											
c. Occupational safety and health: 0											
d. Other Environmental: 1,500											

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION POPE AIR FORCE BASE, NORTH CAROLINA			4. PROJECT TITLE AIRCRAFT PARKING APRON LIGHTING		
5. PROGRAM ELEMENT 2.75.96C	6. CATEGORY CODE 136-661	7. PROJECT NUMBER TMKH933625	8. PROJECT COST(\$000) 1,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
AIRCRAFT PARKING APRON LIGHTING		LS			1,220
SUPPORTING FACILITIES					140
UTILITIES		LS			(100)
SITE IMPROVEMENTS		LS			(25)
PAVEMENTS		LS			(15)
SUBTOTAL					1,360
CONTINGENCY (5%)					68
TOTAL CONTRACT COST					1,428
SUPERVISION, INSPECTION AND OVERHEAD (6%)					86
TOTAL REQUEST					1,514
TOTAL REQUEST (ROUNDED)					1,500
10. Description of Proposed Construction: Construct reinforced concrete foundations and install high pressure sodium floodlights and light standards. Connect wiring to power source and switchgear as necessary. Perform site work and provide required appurtenances.					
11. REQUIREMENT: As required. PROJECT: Install aircraft parking apron lighting. (New Mission) REQUIREMENT: Pope AFB supports the Air Force's air-land battlefield composite wing comprised of C-130, A-10, and F-16 aircraft. Adequate lighting is required to provide a safe and secure environment to support the wing's night operation. Adequate lighting levels are required to safely perform night movements of aircraft, vehicles, and weapons. Lighting is also needed to improve security surveillance capability of the parking apron, aircraft and equipment. CURRENT SITUATION: The beddown of composite wing aircraft has dramatically changed parking apron operations. Lighting levels were considered adequate when the only aircraft operating on the apron were C-130s which are slow moving and not armed. The flightline parking apron, which now accommodates composite wing fighter aircraft, does not have adequate lighting to support safe, secure night operations. Night apron operations, which include aircraft towing and taxiing, weapons movement and loading, and security police surveillance, are impeded due to the lack of adequate apron lighting. Apron operations are more dangerous now with the mix of aircraft and the addition of munitions. Visibility for pilots taxiing their aircraft is extremely low which creates a hazardous environment for aircrews and ground personnel. The risk of costly damage to aircraft is high. Additionally, security requirements are greatly increased with the increased movement and handling of munitions on the					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
POPE AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
AIRCRAFT PARKING APRON LIGHTING	TMKH933625	
<p>apron. Security is difficult to maintain with the current low lighting levels hindering night visibility.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Flightline personnel cannot adequately and safely perform security checks, general aircraft maintenance, weapons movement and loading, and aircraft towing and taxiing at night. The potential for personnel sustaining injury, aircraft and vehicle accidents, and security compromises will continue.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
POPE AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
AIRCRAFT PARKING APRON LIGHTING	TMKH933625	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 15
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 SEP 16
(e) Date Design Complete		94 JUN 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		83
(b) All Other Design Costs		42
(c) Total		125
(d) Contract		83
(e) In-house		42
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION POPE AIR FORCE BASE, NORTH CAROLINA			4. PROJECT TITLE FIRE TRAINING FACILITY		
5. PROGRAM ELEMENT 2.74.56C	6. CATEGORY CODE 179-511	7. PROJECT NUMBER TMKH963007	8. PROJECT COST(\$000) 1,100		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FIRE TRAINING FACILITY	LS			753	
SUPPORTING FACILITIES				190	
UTILITIES	LS			(45)	
PAVEMENTS	LS			(100)	
SITE IMPROVEMENTS	LS			(45)	
SUBTOTAL				943	
CONTINGENCY (10%)				94	
TOTAL CONTRACT COST				1,037	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				62	
TOTAL REQUEST				1,099	
TOTAL REQUEST (ROUNDED)				1,100	
10. Description of Proposed Construction: Construct a fire training facility to include: a 100 foot diameter environmentally acceptable fire training area with a large frame aircraft simulator, a liquid propane gas (LPG) tank of a 1000 gallon water capacity equivalency, a 500 gallon JP-4 fuel storage tank, a fuel/water separator, and a lined effluent holding pond with pumps and piping systems.					
11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA PROJECT: Construct a fire training facility. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. The existing fire training pit does not meet the Clean Water Act (CWA) requirements (40 CFR 122). A fire training facility is needed which meets all applicable CWA, Clean Air Act and Resource Conservation and Recovery Act requirements. An impermeable liner must be installed below the burn area. A fuel/water separator and nondischarging effluent holding pond are required to prevent contamination of soil and groundwater. Live fire training is an FAA established quarterly training requirement ensuring the fire fighters maintain a high level of proficiency. Air Force policy directs every major Air Force installation to have a fire training facility which meets fire training requirements and complies with all applicable environmental requirements. CURRENT SITUATION: The existing fire training site does not meet the CWA requirements and was closed in 1989. This site is being cleaned up through the environmental Installation Restoration Program (IRP). Training is currently being accomplished in cooperation with the local fire department, which owns portable propane type fire training equipment. The training is not as intense or realistic as a fire training facility and is dependent on their schedule. Additionally, limited manning does					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
POPE AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
FIRE TRAINING FACILITY	TMKH963007	
<p>not allow TDY to train at other bases while simultaneously providing sufficient crash/rescue coverage of the airfield. The use of the existing training facility was discontinued due to noncompliance with regulations. The existing facility includes an aircraft mock-up pit which is a shallow, gravel-covered, earthen pit without a protective liner. Pollutants have the potential to be released to the surrounding soil and ground water.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Previous environmental regulation requirements have forced the closure of this facility. This reduced the quality of required fire training for the assigned fire fighters. Without the stress and realism only possible with live fires, the fire fighters lose proficiency in combating fires. Potential for loss of aircraft and life is significantly increased.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
POPE AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
FIRE TRAINING FACILITY	TMKH963007	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 10
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 JUL 29
(e) Date Design Complete		94 AUG 15
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		SEYMOUR
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		56
(b) All Other Design Costs		33
(c) Total		89
(d) Contract		
(e) In-house		89
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
POPE AIR FORCE BASE, NORTH CAROLINA			BRIDGE, ROAD AND UTILITIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.11.15	851-142	TMKH933624	4,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
BRIDGE, ROAD AND UTILITIES		LS			3,580
SUBTOTAL					3,580
CONTINGENCY (5%)					179
TOTAL CONTRACT COST					3,759
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					244
TOTAL REQUEST					4,003
TOTAL REQUEST (ROUNDED)					4,000
10. Description of Proposed Construction: Construct a reinforced concrete bridge over the Little River, an asphalt access road from the base to the munitions storage area and provide utilities to the site. Utility work will consist of extending water and electric lines and providing sanitary sewage service to the site.					
11. REQUIREMENT: As required. PROJECT: Construct bridge, road and utility service to a new munitions storage area. (New Mission) REQUIREMENT: A new munitions storage area will be constructed to support the new composite wing at Pope Air Force Base. The area must be serviced with utilities and have adequate access from the base to accommodate the movement of weapons between the munitions storage area and the aircraft parking apron. CURRENT SITUATION: Land has recently been provided by the Army for the construction of a munitions storage area for the new composite wing assigned to Pope AFB. The land is located over one mile from the base boundary on the other side of the Little River. This is the only site available which will accommodate the quantity distance (QD) requirements of the munitions storage area. Without meeting these QD requirements, a site cannot be licensed by the DOD Explosives Safety Board. Current access to the site is by a state road connecting to a gravel road with a low-water bridge. Traffic on the state road is heavy and the speed limit is 45 mph. The Army road is only semi-improved with gravel and congested with Army vehicles during their exercises. A new access road must be provided for the safe movement of weapons to support the new composite wing. IMPACT IF NOT PROVIDED: Weapons cannot be transported from the munitions					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION		
POPE AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
BRIDGE, ROAD AND UTILITIES	TMKH933624	
<p>storage area to the aircraft parking apron without jeopardizing the security of the weapons or the safety of the individuals using the state or Army roads. Mission accomplishment may be delayed due to the lack of adequate routes and the requirements to ensure security and safety for movement of weapons off base.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
POPE AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
BRIDGE, ROAD AND UTILITIES	TMKH933624	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 JUN 06	
(b) Parametric Cost Estimates used to develop costs	N	
(c) Percent Complete as of Jan 1994	45%	
(d) Date 35% Designed.	93 SEP 16	
(e) Date Design Complete	94 JUL 13	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	220	
(b) All Other Design Costs	154	
(c) Total	374	
(d) Contract	263	
(e) In-house	111	
(4) Construction Start 95 JAN		
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE		
3. INSTALLATION AND LOCATION GRAND FORKS AIR FORCE BASE, NORTH DAKOTA				4. COMMAND AIR MOBILITY COMMAND				5. AREA CONST COST INDEX 0.98		
6. PERSONNEL STRENGTH		PERMANENT		STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	
a. As of 30 SEP 93		680	4154	471						5,305
b. End FY 1999		661	3700	464				1	2	4,832
7. INVENTORY DATA (\$000)										
a. Total Acreage: (5,679)										
b. Inventory Total As Of: (30 SEP 93)										322,929
c. Authorization Not Yet In Inventory:										10,900
d. Authorization Requested In This Program:										5,200
e. Authorization Included In Following Program: (FY 1996)										38,700
f. Planned In Next Three Program Years:										26,400
g. Remaining Deficiency:										0
h. Grand Total:										404,129
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995										
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS		
CODE								START	CMPL	
411-134	UNDERGROUND FUEL STORAGE TANKS			119 EA	5,200			MAY 93	SEP 94	
	MISSILE FACILITIES									
TOTAL:						5,200				
9a. Future Projects: Included in the Following Program (FY 1996)										
111-111	UPGRADE RUNWAY			LS	5,000					
121-122	HYDRANT FUELING SYSTEM			11 EA	11,000					
141-753	SQUADRON OPERATIONS FACILITY			40,860 SF	6,300					
610-128	SUPPORT OPERATIONS CENTER			80,021 SF	7,900					
721-312	DORMITORY			260 PN	8,500					
TOTAL:						38,700				
9b. Future Projects: Typical Planned Next Three Years:										
113-321	UPGRADE AIRCRAFT PARKING APRON			LS	6,400					
141-753	SQUADRON OPERATIONS FACILITY			40,860 SF	5,100					
690-000	PROCUREMENT FACILITY			8,500 SF	1,400					
721-312	ALTER DORMITORY			253 PN	4,200					
831-155	INDUSTRIAL WASTEWATER TREATMENT FACILITIES			LS	5,000					
10. Mission or Major Functions: An air refueling wing (KC-135 aircraft); an Air Combat Command bomb squadron (B-1 aircraft), an AFSPACECOM missile wing with three Minuteman intercontinental ballistic squadrons which maintain continuous alert posture and HH-1 helicopters.										
11. Outstanding pollution and safety (OSH) deficiencies:										
a. Air pollution:										0
b. Water pollution:										0
c. Occupational safety and health:										0
d. Other Environmental:										0

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
GRAND FORKS AIR FORCE BASE, NORTH DAKOTA			UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.74.56C	411-134	JFSD932500	5,200		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	EA	119		2,472	
UNDERGROUND STORAGE TANKS	EA	55	33,760	(1,857)	
UPGRADE UNDERGROUND STORAGE TANKS	EA	9	19,440	(175)	
TANK REMOVAL/DISPOSAL	EA	55	8,000	(440)	
SUPPORTING FACILITIES				1,985	
UTILITIES	LS			(65)	
SITE IMPROVEMENTS	LS			(320)	
SOIL REMEDIATION	LS			(1,560)	
TEMPORARY FUEL/POWER	LS			(40)	
SUBTOTAL				4,457	
CONTINGENCY (10%)				446	
TOTAL CONTRACT COST				4,903	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				294	
TOTAL REQUEST				5,197	
TOTAL REQUEST (ROUNDED)				5,200	
10. Description of Proposed Construction: Remove and replace 55 underground storage tanks (UST) with 55 new USTs, one at each launch facility. Dispose of tank residue and remediate soil at each site. Replace tanks with new double-walled tanks and piping, interstitial leak monitoring, overflow prevention, and cathodic protection. Upgrade nine launch control facility USTs (3 USTs at 3 sites) to meet same requirement.					
11. REQUIREMENT: As required.					
<u>PROJECT:</u> Remove and replace or upgrade underground fuel storage tanks at missile facilities. (Current Mission)					
<u>REQUIREMENT:</u> This is a Level II environmental compliance requirement. Upgrade all underground storage tanks (UST) regulated by 40 CFR 280 to new standards by December 1998. The Environmental Protection Agency (EPA) has set standards that require all regulated underground storage tanks to have leak detection, corrosion protection, and spill/overflow prevention systems. If underground storage tanks are to be replaced, Air Force policy is to replace them with aboveground tanks or to relocate them into underground vaults wherever possible. However, existing underground petroleum product storage tanks which are in good condition and may be upgraded in-place must be brought into compliance with applicable UST standards.					
<u>CURRENT SITUATION:</u> Underground storage tanks at Grand Forks AFB missile facilities do not meet federal law (40 CFR 280.21) and state requirements for cathodic protection, leak detection monitoring and overflow/spill protection. These deficiencies must be corrected to prevent violation of federal UST regulations. Currently, 116 deeply buried USTs at missile launch facilities and missile launch control facilities require upgrade or replacement to meet the 1998 federal deadline. This project is the second					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION GRAND FORKS AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	5. PROJECT NUMBER JFSD932500	
<p>of three projects. It will replace 55 USTs, 11,000 gallon capacity each, at 55 LFs, and upgrade 9 USTs, ranging from 1,000 to 14,500 gallon capacity, with 3 tanks at each of 3 LCFs.</p> <p><u>IMPACT IF NOT PROVIDED:</u> These improvements to USTs are required by Federal Law. If they are not accomplished by the established deadline, the base will be in violation of the law and may begin receiving notices of violation, fines, and significant adverse publicity. Undetected tank failures may result in contamination of soil and potable water supplies, resulting in a threat to human health and well-being and extremely costly cleanup measures.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
GRAND FORKS AIR FORCE BASE, NORTH DAKOTA			
4. PROJECT TITLE		5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES		JFSD932500	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started		93 MAY 01	
(b) Parametric Cost Estimates used to develop costs		Y	
(c) Percent Complete as of Jan 1994		20%	
(d) Date 35% Designed.		94 JAN 15	
(e) Date Design Complete		94 SEP 01	
(2) Basis:			
(a) Standard or Definitive Design -		NO	
(b) Where Design Was Most Recently Used -		N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications		135	
(b) All Other Design Costs		89	
(c) Total		224	
(d) Contract		168	
(e) In-house		56	
(4) Construction Start			95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A			

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
MINOT AIR FORCE BASE, NORTH DAKOTA				AIR COMBAT COMMAND				1.10			
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		753	4285	578		22					5,638
b. End FY 1999		654	3975	575					1	2	5,207
7. INVENTORY DATA (\$000)											
a. Total Acreage: (5,385)											
b. Inventory Total As Of: (30 SEP 93)										297,395	
c. Authorization Not Yet In Inventory:										16,200	
d. Authorization Requested In This Program:										5,850	
e. Authorization Included In Following Program: (FY 1996)										2,900	
f. Planned In Next Three Program Years:										40,500	
g. Remaining Deficiency:										0	
h. Grand Total:										362,845	
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST (\$000)		DESIGN STATUS		
CODE									START CMPL		
411-134		UNDERGROUND FUEL STORAGE TANKS			78 EA		2,950		JAN 93 MAY 93		
		MISSILE FACILITIES									
411-135		UNDERGROUND FUEL STORAGE TANKS			53 EA		1,400		JUN 93 MAR 94		
871-183		UPGRADE STORM DRAINAGE			LS		1,500		MAY 93 JUN 94		
		FACILITIES									
TOTAL:							5,850				
9a. Future Projects: Included in the Following Program (FY 1996)											
411-134		UNDERGROUND FUEL STORAGE TANKS			30 EA		2,900				
		- MISSILE FACILITIES									
TOTAL:							2,900				
9b. Future Projects: Typical Planned Next Three Years:											
112-211		UPGRADE TAXIWAY (PH 2)			LS		10,000				
113-321		UPGRADE AIRCRAFT PARKING APRON			LS		3,800				
121-122		UPGRADE HYDRANT FUELING SYSTEM			LS		15,700				
124-000		REPLACE UNDERGROUND STORAGE			LS		1,200				
		TANKS--MISSILE FACILITIES									
411-137		UNDERGROUND FUEL STORAGE TANKS			15 EA		1,350				
10. Mission or Major Functions: A bomb wing which includes one B-52 squadron; an AFSPACOM missile wing with three Minuteman intercontinental ballistic missile squadrons which maintain a continuous alert posture and HH-1 helicopters; and an Air Mobility Command air refueling squadron (KC-135 aircraft).											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										1,500	
b. Water pollution:										6,500	
c. Occupational safety and health:										0	
d. Other Environmental:										3,400	

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
MINOT AIR FORCE BASE, NORTH DAKOTA			UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
2.74.56C	411-134	QJVF932500A	2,950	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	EA	78		1,580
UNDERGROUND STORAGE TANKS	EA	39	32,510	(1,268)
TANK REMOVAL/DISPOSAL	EA	39	8,000	(312)
SUPPORTING FACILITIES				945
UTILITIES	LS			(10)
SITE IMPROVEMENTS	LS			(155)
SOIL REMEDIATION	LS			(760)
TEMPORARY FUEL/POWER	LS			(20)
SUBTOTAL				2,525
CONTINGENCY (10%)				253
TOTAL CONTRACT COST				2,778
SUPERVISION, INSPECTION AND OVERHEAD (6%)				167
TOTAL REQUEST				2,945
TOTAL REQUEST (ROUNDED)				2,950
10. Description of Proposed Construction: Remove and replace 39 underground storage tanks (UST) with 39 new USTs. Dispose of tank residue and test soil at each site. Replace tanks with new double-walled tanks and piping, interstitial leak monitoring, spill/overflow prevention, and cathodic protection. Includes soil remediation, tank testing, site work, utilities and other necessary support.				
11. REQUIREMENT: As required. <u>PROJECT:</u> Remove and replace underground fuel storage tanks at missile facilities. (Current Mission) <u>REQUIREMENT:</u> This is a Level II environmental compliance project. Upgrade all underground storage tanks (USTs) regulated by 40 CFR 280 to new standards by Dec 1998. The Environmental Protection Agency (EPA) has set standards that require all regulated underground storage tanks to have leak detection, corrosion protection, and spill/overflow prevention systems. If USTs are to be replaced, Air Force policy is to replace them with aboveground tanks or to relocate them into underground vaults wherever possible. However, existing underground petroleum product storage tanks which are in good condition and may be upgraded in-place must be brought into compliance with applicable UST standards. <u>CURRENT SITUATION:</u> Underground storage tanks at Minot AFB missile facilities do not meet federal law (40 CFR 280.21) and state requirements for cathodic protection, leak detection monitoring and overflow/spill protection. These deficiencies must be corrected to prevent violation of federal UST regulations. Currently, 180 deeply buried USTs at missile launch and launch control facilities require upgrade or replacement to meet the 1998 federal deadline. This project is the second of four projects; it will replace 39 USTs, 14,300 gallon capacity each, at 39				

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MINOT AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	QJVF932500A	
<p>launch facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Failure to replace these tanks at Minot AFB will result in an unacceptable risk of pollution. Additionally, Minot AFB will not be in compliance with federal and state environmental requirements thereby subjecting the base to enforcement action and monetary penalties.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in the Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
MINOT AIR FORCE BASE, NORTH DAKOTA			
4. PROJECT TITLE		5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES		QJVF932500A	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started		93 JAN 15	
(b) Parametric Cost Estimates used to develop costs		N	
(c) Percent Complete as of Jan 1994		100%	
(d) Date 35% Designed.		93 MAR 10	
(e) Date Design Complete		93 MAY 18	
(2) Basis:			
(a) Standard or Definitive Design -		NO	
(b) Where Design Was Most Recently Used -		N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)	
(a) Production of Plans and Specifications		100	
(b) All Other Design Costs		80	
(c) Total		180	
(d) Contract		168	
(e) In-house		12	
(4) Construction Start		95 MAR	
b. Equipment associated with this project will be provided from other appropriations: N/A			

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
MINOT AIR FORCE BASE, NORTH DAKOTA			UNDERGROUND FUEL STORAGE TANKS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.74.56C	411-135	QJVF932501	1,400		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UNDERGROUND FUEL STORAGE TANKS	EA	53		747	
ABOVEGROUND STORAGE TANKS	EA	11	16,000	(176)	
UNDERGROUND STORAGE TANKS	EA	8	42,000	(336)	
UPGRADE UNDERGROUND STORAGE TANKS	EA	13	10,000	(130)	
TANK REMOVE/DISPOSAL	EA	21	5,000	(105)	
SUPPORTING FACILITIES				450	
UTILITIES	LS			(15)	
SITE IMPROVEMENTS	LS			(35)	
SOIL REMEDIATION	LS			(400)	
SUBTOTAL				1,197	
CONTINGENCY (10%)				120	
TOTAL CONTRACT COST				1,317	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				79	
TOTAL REQUEST				1,396	
TOTAL REQUEST (ROUNDED)				1,400	
10. Description of Proposed Construction: Remove 21 underground storage tanks (UST), install 11 new aboveground tanks with containment dikes, 8 new underground tanks and upgrade 13 existing USTs. Replace tanks with new double-walled tanks and piping, interstitial leak monitoring, spill/overflow prevention, and cathodic protection. Includes soil remediation, tank testing, site work, utilities and other necessary support.					
11. REQUIREMENT: As required.					
PROJECT: Remove and replace or upgrade underground fuel storage tanks. (Current Mission)					
REQUIREMENT: This is a Level II environmental compliance project. Upgrade all underground storage tanks (USTs) regulated by 40 CFR 280 to new standards by Dec 1998. The Environmental Protection Agency (EPA) has set standards that require all regulated underground storage tanks to have leak detection, corrosion protection, and spill/overflow prevention systems. If USTs are to be replaced, Air Force policy is to replace them with aboveground tanks or to relocate them into underground vaults wherever possible. However, existing underground petroleum product storage tanks which are in good condition and may be upgraded in-place must be brought into compliance with applicable UST standards.					
CURRENT SITUATION: Underground storage tanks at Minot AFB do not meet federal law (40 CFR 280.21) and state requirements for cathodic protection, leak detection monitoring and overflow/spill protection. Replacement of tanks, ranging from 300 to 50,000 gallons, and upgrade of tanks, ranging from 1,000 to 39,800 gallons, are required to assure environmental compliance.					
IMPACT IF NOT PROVIDED: Failure to replace these tanks at Minot AFB will result in an unacceptable risk of pollution. Additionally, Minot AFB will					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MINOT AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	QJVF932501	
<p>not be in compliance with federal and state environmental requirements thereby subjecting the base to enforcement action and monetary penalties.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in the Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MINOT AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	QJVF932501	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 JUN 11	
(b) Parametric Cost Estimates used to develop costs	N	
(c) Percent Complete as of Jan 1994	35%	
(d) Date 35% Designed.	93 NOV 02	
(e) Date Design Complete	94 MAR 10	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	84	
(b) All Other Design Costs	88	
(c) Total	172	
(d) Contract	129	
(e) In-house	43	
(4) Construction Start	95 FEB	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
MINOT AIR FORCE BASE, NORTH DAKOTA			UPGRADE STORM DRAINAGE FACILITIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.74.56C	871-183	QJVF992500	1,500		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE STORM DRAINAGE FACILITIES	LS			400	
SUPPORTING FACILITIES				950	
REPAIR/REPLACE STORM DRAINAGE LINES	LS			(500)	
CORRECT CROSS-CONNECTIONS	LS			(450)	
SUBTOTAL				1,350	
CONTINGENCY (5%)				68	
TOTAL CONTRACT COST				1,418	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				85	
TOTAL REQUEST				1,503	
TOTAL REQUEST (ROUNDED)				1,500	
10. Description of Proposed Construction: Provide treatment of storm water runoff by correction of cross-connections, connection of non-storm water discharges to the sanitary sewer, repair of broken or misaligned storm drainage lines, and construction of storm water diversion structures.					
11. REQUIREMENT: As required.					
PROJECT: Upgrade storm drainage facilities. (Current Mission)					
REQUIREMENT: This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122.26 for storm water discharge. The storm water permit was issued on 1 Oct 93. The base is required to be in compliance with their National Pollutant Discharge Eliminate System (NPDES) permit by Oct 96. The base is required to certify that non-storm water discharges are not connected to the storm drainage system. Corrective actions are required to eliminate sources of pollutants to the storm drain.					
CURRENT SITUATION: The base does not provide storm water runoff control measures from the industrial areas of the base. There are existing cross-connections which are not allowed by the storm water NPDES permit. Some non-storm water discharges (process and sanitary wastewater) are connected to or seep into the storm drainage system which is not allowed by the NPDES permit.					
IMPACT IF NOT PROVIDED: Minot AFB will be out of compliance with their NPDES permit. The continuous violation of storm water regulations have the potential for fines up to \$25,000 per day per violation and could create adverse publicity.					
ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However,					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MINOT AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	QJVF992500	
<p>this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MINOT AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	QJVF992500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAY 14
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 NOV 02
(e) Date Design Complete		94 JUN 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		90
(b) All Other Design Costs		52
(c) Total		142
(d) Contract		
(e) In-house		142
(4) Construction Start		95 FEB
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO				4. COMMAND AIR FORCE MATERIEL COMMAND			5. AREA CONST COST INDEX 0.89				
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		4438	3655	15936	342						24,371
b. End FY 1999		3569	2800	13529	347		2	76	138	66	20,527
7. INVENTORY DATA (\$000)											
a. Total Acreage: (8,245)											
b. Inventory Total As Of: (30 SEP 93) 796,219											
c. Authorization Not Yet In Inventory: 55,820											
d. Authorization Requested In This Program: 3,350											
e. Authorization Included In Following Program: (FY 1996) 10,750											
f. Planned In Next Three Program Years: 72,900											
g. Remaining Deficiency: 0											
h. Grand Total: 939,039											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
871-183		UPGRADE STORM DRAINAGE SYSTEM		LS		3,350		MAR 93		MAY 94	
				TOTAL:		3,350					
9a. Future Projects: Included in the Following Program (FY 1996)											
311-173		RENOVATE ACQUISITION MANAGEMENT FACILITY		60,000 SF		6,000					
411-135		FUEL CONTAINMENT DIKES		LS		600					
821-116		UPGRADE HEAT PLANT EMISSION CONTROL SYSTEM		LS		4,150					
				TOTAL:		10,750					
9b. Future Projects: Typical Planned Next Three Years:											
171-851		ADD TO AND ALTER ENGINEERING AND RESEARCH LABORATORY		36,000 SF		6,800					
310-921		ADD TO AND ALTER TOXIC HAZARDS LABORATORY		38,000 SF		7,800					
311-173		RENOVATE ACQUISITION MANAGEMENT FACILITY		34,000 SF		3,500					
311-173		ACQUISITION MANAGEMENT COMPLEX PHASE III		LS		11,500					
871-183		UPGRADE STORM DRAINAGE SYSTEM		12,000 LF		3,500					
10. Mission or Major Functions: Headquarters Air Force Materiel Command; Security Assistance Center; Aeronautical Systems Center; Wright Laboratory; test wing with various types of test aircraft and C-21 aircraft; Air Force Institute of Technology; Air Force Intelligence Command Foreign Aerospace Science and Technology Center; Air Force Reserve F-16 fighter group and C-141 airlift group; Air Force Museum; and a major USAF medical center.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution: 7,200											
b. Water pollution: 3,100											
c. Occupational safety and health: 0											
d. Other Environmental: 0											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
WRIGHT-PATTERSON AIR FORCE BASE, OHIO			UPGRADE STORM DRAINAGE SYSTEM		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
7.80.56	871-183	ZHTV863243	3,350		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE STORM DRAINAGE SYSTEM	LS			2,500	
SUPPORTING FACILITIES				385	
CULVERTS	EA	3	15,000	(45)	
FUEL-WATER SEPARATORS	LS			(140)	
SITE IMPROVEMENTS	LS			(200)	
SUBTOTAL				2,885	
CONTINGENCY (10%)				289	
TOTAL CONTRACT COST				3,174	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				190	
TOTAL REQUEST				3,364	
TOTAL REQUEST (ROUNDED)				3,350	
10. Description of Proposed Construction: Install pollution control structures to channel and divert storm water only to the existing storm water collection system, eliminate sanitary/storm sewer cross connections, upgrade oil water separators, provide additional interceptor sewers, berms, retention/detention basins and necessary support.					
11. REQUIREMENT: As required. PROJECT: Upgrade storm drainage system. (Current Mission) REQUIREMENT: This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122 for storm water discharge. The base is required to be in compliance with the National Pollutant Discharge Elimination System (NPDES) storm water permit by October 1996. The base's individual storm water permit will be issued by 31 July 1994. Installation of pollution control structures will allow only storm water runoff to enter the storm water collection system, which eventually discharges into the Mad River. The base is required to certify that non-storm water discharges are not connected to the storm water system. Corrective actions are required to eliminate sources of pollutants in the storm drainage system. CURRENT SITUATION: The existing storm water drainage system receives runoff from the flight line and other industrial areas of the base and discharges through numerous discharge points to creeks which traverse the base, eventually discharging into the Mad River. There are no measures to prevent potential pollutant sources from mixing with storm water runoff and entering aquifers. There are non-storm water discharges connected to the storm water system in violation of the storm water NPDES permit. The base has also frequently exceeded prior discharge limits for suspended solids that were in the now expired storm water permit.					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
WRIGHT-PATTERSON AIR FORCE BASE, OHIO		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE SYSTEM	ZHTV863243	
<p><u>IMPACT IF NOT PROVIDED:</u> Uncontrolled runoff will result in the inability of the base to meet discharge limits during heavy rains. The base will be out of compliance with EPA storm water regulations and would be subject to potential fines of up to \$25,000 per day per violation.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria specified in Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, a formal economic analysis was not needed or performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
WRIGHT-PATTERSON AIR FORCE BASE, OHIO		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE SYSTEM	ZHTV863243	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAR 08
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 AUG 19
(e) Date Design Complete		94 MAY 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		180
(b) All Other Design Costs		27
(c) Total		207
(d) Contract		
(e) In-house		207
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE		
AIR FORCE										
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST		
ALTUS AIR FORCE BASE, OKLAHOMA				AIR EDUCATION AND TRAINING COMMAND				COST INDEX 0.92		
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED		
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
a. As of 30 SEP 93		394	2778	483	150	219	3			
b. End FY 1999		382	2638	493	147	180				
7. INVENTORY DATA (\$000)										
a. Total Acreage: (4,698)										
b. Inventory Total As Of: (30 SEP 93) 173,040										
c. Authorization Not Yet In Inventory: 86,740										
d. Authorization Requested In This Program: 3,750										
e. Authorization Included In Following Program: (FY 1996) 4,250										
f. Planned In Next Three Program Years: 15,450										
g. Remaining Deficiency: 0										
h. Grand Total: 283,230										
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995										
CATEGORY						COST		DESIGN STATUS		
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL		
721-312	ADD TO AND ALTER DORMITORY	100 PN				3,750	JUN 93	JUL 94		
TOTAL:						3,750				
9a. Future Projects: Included in the Following Program (FY 1996)										
179-511	FIRE TRAINING FACILITY	1 EA				1,050				
721-315	ADD TO AND ALTER VISITING AIRMEN DORMITORY	34,748 SF				3,200				
TOTAL:						4,250				
9b. Future Projects: Typical Planned Next Three Years:										
141-753	CONSOLIDATED SQUADRON OPERATIONS/AMU FACILITY	38,500 SF				5,200				
149-962	CONTROL TOWER	1 EA				2,550				
411-135	IMPROVE JET FUEL STORAGE	LS				3,950				
740-884	ADD TO AND ALTER CHILD DEVELOPMENT CENTER	12,742 SF				3,750				
10. Mission or Major Functions: A flying training wing with one C-5 squadron and one C-141 squadron that are responsible for training all C-5 and C-141 aircrews and two Air Mobility Command air refueling squadrons (KC-135 aircraft). Also, designated to be the primary base for training all C-17 aircrews.										
11. Outstanding pollution and safety (OSH) deficiencies:										
a. Air pollution: 0										
b. Water pollution: 1,020										
c. Occupational safety and health: 0										
d. Other Environmental: 0										

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION ALTUS AIR FORCE BASE, OKLAHOMA			4. PROJECT TITLE ADD TO AND ALTER DORMITORY		
5. PROGRAM ELEMENT 4.18.96	6. CATEGORY CODE 721-312	7. PROJECT NUMBER AGGN953035	8. PROJECT COST(\$000) 3,750		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ADD TO AND ALTER DORMITORY (100 PN)		SF	34,800		2,288
ALTERATION		SF	25,500	58	(1,479)
ADDITION (EXTERIOR ENTRANCES)		SF	9,300	87	(809)
SUPPORTING FACILITIES					910
UTILITIES		LS			(350)
SITE IMPROVEMENTS		LS			(150)
PAVEMENTS		SY	3,000	35	(105)
ASBESTOS REMOVAL		LS			(280)
SPECIAL FOUNDATION		LS			(25)
SUBTOTAL					3,198
CONTINGENCY (10%)					320
TOTAL CONTRACT COST					3,518
SUPERVISION, INSPECTION AND OVERHEAD (6%)					211
TOTAL REQUEST					3,729
TOTAL REQUEST (ROUNDED)					3,750
10. Description of Proposed Construction: Upgrade existing masonry facility and construct addition for exterior entrances. Includes room-bath-room modules, insulation and sound attenuation, utilities, asbestos removal, storage and other necessary support. Grade Mix: 57 E1-E4; 43 E5-E6.					
11. REQUIREMENT: 1,108 PN ADEQUATE: 708 PN SUBSTANDARD: 1,032 PN PROJECT: Add to and alter dormitory. (Current Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. CURRENT SITUATION: Existing unaccompanied personnel housing is far below current DoD standards. This dormitory has central latrines, inadequate control of heating, insufficient noise attenuation and lacks the necessary amenities to adequately house enlisted personnel. This project will upgrade one facility to meet current DoD standards. IMPACT IF NOT PROVIDED: Substandard living conditions on base will continue to be a contributing factor to low morale, reduced productivity and dissatisfaction with Air Force life for unaccompanied enlisted personnel. ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been performed comparing alternatives of new construction, revitalization, demolishing existing dorm and relocating occupants off base paying appropriate BAS/VHA and status quo operation. Based on the					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ALTUS AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ADD TO AND ALTER DORMITORY	AGGN953035	

net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project. Project has been considered for FY98 force structure end strength.

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ALTUS AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ADD TO AND ALTER DORMITORY	AGGN953035	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 01
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		94 JAN 24
(e) Date Design Complete		94 JUL 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		220
(b) All Other Design Costs		136
(c) Total		356
(d) Contract		
(e) In-house		356
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION TINKER AIR FORCE BASE, OKLAHOMA				4. COMMAND AIR FORCE MATERIEL COMMAND				5. AREA CONST COST INDEX 0.90			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		1433	5657	13357							20,447
b. End FY 1999		1262	5903	11357					851	90	19,463
7. INVENTORY DATA (\$000)											
a. Total Acreage: (4,966)											
b. Inventory Total As Of: (30 SEP 93) 581,451											
c. Authorization Not Yet In Inventory: 47,830											
d. Authorization Requested In This Program: 9,643											
e. Authorization Included In Following Program: (FY 1996) 18,200											
f. Planned In Next Three Program Years: 81,150											
g. Remaining Deficiency: 0											
h. Grand Total: 738,274											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
211-159		ALTER VENTILATION SYSTEM,		110,500 SF		8,400		APR 93		AUG 94	
		CORROSION CONTROL FAC (DBOF)									
871-183		UPGRADE STORM DRAINAGE SYSTEM		LS		1,243		FEB 93		AUG 94	
				TOTAL:		9,643					
9a. Future Projects: Included in the Following Program (FY 1996)											
141-753		SQUADRON OPERATIONS/MOBILITY CENTER		40,600 SF		5,700					
211-159		B-2 DEPOT AIRCRAFT CORROSION CONTROL FACILITY		LS		5,000					
721-312		ADD TO AND ALTER DORMITORIES		280 PN		4,400					
871-183		UPGRADE STORM DRAINAGE SYSTEM		LS		3,100					
				TOTAL:		18,200					
9b. Future Projects: Typical Planned Next Three Years:											
123-335		VEHICLE FUELING STATION		8 OL		850					
124-000		REMOVE INACTIVE UNDERGROUND STORAGE TANKS		LS		8,000					
214-425		CONSOLIDATED VEHICLE MAINTENANCE FACILITY		168,000 SF		7,900					
217-742		COMBAT COMMUNICATIONS SQUADRON OPERATIONS FACILITY		44,300 SF		4,350					
610-287		ENGINEERING AND INSTALLATION FACILITY		66,275 SF		8,800					
10. Mission or Major Functions: Oklahoma City Air Logistics Center which is responsible for logistics management, support, and depot-level maintenance of E-3, B-1, B-2, B-52, and KC-135 aircraft, and aircraft engines; Air Combat Command air control wing (E-3 and EC-135 aircraft) and combat communications group; and an Air Force Reserve fighter group (F-16 aircraft). A major tenant is the Navy's TACAMO wing with E-6 aircraft.											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST COST INDEX				
TINKER AIR FORCE BASE, OKLAHOMA				AIR FORCE MATERIEL COMMAND			0.90				
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of											
b. End FY											
7. INVENTORY DATA (\$000)											
a. Total Acreage:											
b. Inventory Total As Of:											
c. Authorization Not Yet In Inventory:											
d. Authorization Requested In This Program:											
e. Authorization Included In Following Program:											
f. Planned In Next Three Program Years:											
g. Remaining Deficiency:											
h. Grand Total:											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										3,500	
b. Water pollution:										3,100	
c. Occupational safety and health:										0	
d. Other Environmental:										3,500	

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION TINKER AIR FORCE BASE, OKLAHOMA			4. PROJECT TITLE ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)		
5. PROGRAM ELEMENT 7.80.56	6. CATEGORY CODE 211-159	7. PROJECT NUMBER WWYK943020	8. PROJECT COST(\$000) 8,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)		SF	110,500	25	2,763
SUPPORTING FACILITIES					4,450
UTILITIES		LS			(900)
UPGRADE SUBSTATION		LS			(1,300)
STEAM GENERATION		LS			(2,000)
SITE IMPROVEMENTS		LS			(250)
SUBTOTAL					7,213
CONTINGENCY (10%)					721
TOTAL CONTRACT COST					7,934
SUPERVISION, INSPECTION AND OVERHEAD (6%)					476
TOTAL REQUEST					8,410
TOTAL REQUEST (ROUNDED)					8,400
10. Description of Proposed Construction: Alter ventilation system to provide up to 100 percent make-up air, increase steam and electric service to the facility, and provide necessary support. <u>Air Conditioning:</u> 150 Tons.					
11. REQUIREMENT: 236,000 SF ADEQUATE: 0 SUBSTANDARD: 236,000 SF <u>PROJECT:</u> Alter the ventilation system of a corrosion control facility. (Current Mission) <u>REQUIREMENT:</u> A functional and environmentally safe depot corrosion control facility is required for repainting aircraft in conjunction with periodic depot maintenance of several different aircraft types. Modification of the ventilation system in the existing facility is required to meet Occupational Safety and Health Administration (OSHA) requirements. OSHA Regulation 29 CFR 1910.107(d)(9) requires ventilation systems to limit contaminants to 500 parts per million. A single pass through ventilation system, with adequate provisions for heating and cooling make-up air, is required to meet this requirement. <u>CURRENT SITUATION:</u> This is one of two depot corrosion control facilities at Tinker Air Force Base, and is the only one equipped for complete aircraft repainting. Twelve of 14 ventilation units in the facility use recirculated air, which violates OSHA regulations and degrades the quality of paint application. The two remaining units exhaust to the outside except in cold weather. Annual paint usage in 1989-1990 averaged 21,000 gallons. Personnel are protected from respiratory hazards by use of special air-line respirators, which greatly decrease productivity. Noncompliance with OSHA regulations has been documented in an Air Force Occupational and Environmental Health Laboratory (AFOEHL) report. Additionally, the temperature and humidity conditions cause poor paint					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TINKER AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)	WWYK943020	
<p>adhesion, blushing, or irregular paint application on about two-thirds of aircraft requiring gloss paint applications. Correction of these flaws range from scuff sanding and touch-up painting to complete repainting of aircraft.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Aircraft paint operations will continue to violate OSHA standards and a high risk of fire will remain, with the potential loss of building, aircraft and equipment as well as personal injury or death. Also, completion of aircraft painting will continue to be delayed and labor and materials will continue to be wasted repainting aircraft.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of new construction, revitalization, contracting and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost efficient over the life of the project. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria specified in Air Force Manual 86-2, "Standard Facility Requirements". The requirement for this project was validated by the Joint Service Depot Maintenance Industrial Military Construction Review Board in September 1992.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TINKER AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)	WWYK943020	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 15
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 OCT 10
(e) Date Design Complete		94 AUG 26
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		500
(b) All Other Design Costs		340
(c) Total		840
(d) Contract		649
(e) In-house		191
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION TINKER AIR FORCE BASE, OKLAHOMA			4. PROJECT TITLE UPGRADE STORM DRAINAGE SYSTEM		
5. PROGRAM ELEMENT 7.80.56	6. CATEGORY CODE 871-183	7. PROJECT NUMBER WWYK953056	8. PROJECT COST(\$000) 1,243		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE STORM DRAINAGE SYSTEM	LS			840	
BERMS AND INTERCEPTOR SEWERS	LS			(700)	
RETENTION/DETENTION BASINS	EA	2	70,000	(140)	
SUPPORTING FACILITIES				245	
ELIMINATE CROSS-CONNECTIONS	LS			(100)	
CULVERTS	LS			(80)	
FUEL-WATER SEPARATORS	LS			(45)	
SITE IMPROVEMENTS	LS			(20)	
SUBTOTAL				1,085	
CONTINGENCY (10%)				109	
TOTAL CONTRACT COST				1,194	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				72	
TOTAL REQUEST				1,266	
TOTAL REQUEST (ROUNDED)				1,243	
10. Description of Proposed Construction: Install pollution control structures to channel and divert storm water only to the existing storm water collection system; eliminate sanitary and storm sewer cross connections; provide a detention basin, erosion control, canopies and necessary support.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Upgrade storm drainage system. (Current Mission) <u>REQUIREMENT:</u> This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122 for storm water discharge. The base is required to be in compliance with the National Pollutant Discharge Elimination System (NPDES) storm water permit by October 1996. The base's individual storm water permit will be issued by 31 July 1994. In addition, Tinker is under a consent decree with the Natural Resources Defense Council effective 16 March 1993 to implement recommendations of their storm water pollution prevention plan and best management practices evaluation. Installation of pollution control structures will allow only storm water runoff to enter the storm water collection system, which discharges into three creeks and eventually the Canadian River. The base is required to certify that non-storm water discharges are not connected to the storm water system. Corrective actions are required to eliminate sources of pollutants in the storm drainage system. <u>CURRENT SITUATION:</u> The existing storm water drainage system receives runoff from the flight line and other industrial areas of the base and discharges through eight discharge points into Crutcho, Kuhlman and Soldier Creeks. There are no measures to prevent potential pollutant sources from mixing with storm water runoff and entering aquifers. There					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TINKER AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE		5. PROJECT NUMBER
UPGRADE STORM DRAINAGE SYSTEM		WWYK953056
<p>are non-storm water discharges connected to the storm water system in violation of the pending storm water NPDES permit.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Uncontrolled runoff will result in the inability of the base to meet discharge limits during heavy rains. The base will be out of compliance with EPA storm water regulations and would be subject to potential fines of up to \$25,000 per day per violation.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria specified in Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, a formal economic analysis was not needed or performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TINKER AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE SYSTEM	WWYK953056	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 FEB 08
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 SEP 20
(e) Date Design Complete		94 AUG 03
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		70
(b) All Other Design Costs		115
(c) Total		185
(d) Contract		14
(e) In-house		171
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
VANCE AIR FORCE BASE, OKLAHOMA				AIR EDUCATION AND TRAINING COMMAND				0.92			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		355	398	92	204				1		1,050
b. End FY 1999		354	383	100	246				1		1,084
7. INVENTORY DATA (\$000)											
a. Total Acreage: (4,394)											
b. Inventory Total As Of: (30 SEP 93) 80,338											
c. Authorization Not Yet In Inventory: 7,650											
d. Authorization Requested In This Program: 6,180											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 10,500											
g. Remaining Deficiency: 0											
h. Grand Total: 104,668											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
179-511		FIRE TRAINING FACILITY		1 EA		980		FEB 93		JUN 94	
721-312		ALTER DORMITORIES		133 PN		2,300		DEC 93		DEC 94	
832-266		UPGRADE SANITARY SEWER SYSTEM		45,900 LF		1,100		JUL 93		SEP 94	
871-183		UPGRADE STORM DRAINAGE SYSTEM		56,900 LF		1,800		JUL 93		SEP 94	
TOTAL:						6,180					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
113-321		T-37 REPLACEMENT FACILITY		LS		3,250					
		MODIFICATIONS									
141-753		SQUADRON OPERATIONS FACILITY		18,000 SF		2,250					
219-944		BASE ENGINEERING COMPLEX		47,600 SF		5,000					
10. Mission or Major Functions: A flying training wing which conducts Undergraduate Pilot Training (UPT) (T-37 and T-38 aircraft). Also, base will undergo a T-37 to T-1 aircraft conversion.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
VANCE AIR FORCE BASE, OKLAHOMA			ALTER DORMITORIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.57.96	721-312	XTLF963302	2,300		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER DORMITORIES (133 PN)		SF	50,500	39	1,970
SUBTOTAL					1,970
CONTINGENCY (10%)					197
TOTAL CONTRACT COST					2,167
SUPERVISION, INSPECTION AND OVERHEAD (6%)					130
TOTAL REQUEST					2,297
TOTAL REQUEST (ROUNDED)					2,300
10. Description of Proposed Construction: Upgrade two dormitories. Work to include: construct semi-private bathrooms, upgrade lighting and architectural finishes in all living areas, lounge areas and hallways, convert the existing gang latrines to storage space, enclose the exterior stair towers on both ends of each building, and replace roofs. Grade Mix: 86 E1-E4; 47 E5-E6.					
11. REQUIREMENT: 133 PN ADEQUATE: 0 SUBSTANDARD: 266 PN PROJECT: Alter dormitories. (Current Mission) <u>REQUIREMENT</u> : A major Air Force objective is to provide unaccompanied enlisted personnel with housing that is conducive to their proper rest, relaxation and personal well-being. This project will upgrade two existing dormitories to meet current DoD standards. <u>CURRENT SITUATION</u> : Presently, the personnel assigned to these two dormitories must use gang latrine facilities. DoD standard is for semi-private bathrooms. Dormitory residents and guests utilizing the exterior stair towers are exposed to inclement weather and must use caution to avoid injury. The room finishes in the dormitory rooms and common use areas are outdated and worn, and there is not enough storage space inside these facilities for the occupants' belongings. <u>IMPACT IF NOT PROVIDED</u> : The forced use of substandard living quarters by enlisted personnel will continue, resulting in low morale and less capability for retention of quality Air Force personnel. <u>ADDITIONAL</u> : This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". The House Appropriations Committee directed us to include this project in the FY95 program. Because of this specific Congressional direction, a full economic analysis was not performed. A certificate of exception has been					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANCE AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER DORMITORIES	XTLF963302	
<p>prepared. Alteration cost is 43% of new construction. This project has been considered for FY 98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANCE AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER DORMITORIES	XTLF963302	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 DEC 01
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		15%
(d) Date 35% Designed.		94 MAY 01
(e) Date Design Complete		94 DEC 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		130
(b) All Other Design Costs		70
(c) Total		200
(d) Contract		150
(e) In-house		50
(4) Construction Start		95 MAR
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION VANCE AIR FORCE BASE, OKLAHOMA			4. PROJECT TITLE UPGRADE SANITARY SEWER SYSTEM		
5. PROGRAM ELEMENT 8.57.56	6. CATEGORY CODE 832-266	7. PROJECT NUMBER XTLF943303	8. PROJECT COST(\$000) 1,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE SANITARY SEWER SYSTEM		LF	45,900		900
REPAIR SEWER LINES		LF	12,000	10	(120)
REPLACE/ADD SEWER LINES		LF	33,900	23	(780)
SUPPORTING FACILITIES					55
SITE IMPROVEMENTS		LS			(10)
PAVEMENTS		LS			(10)
CONTAMINATED SOIL REMOVAL		LS			(35)
SUBTOTAL					955
CONTINGENCY (10%)					96
TOTAL CONTRACT COST					1,051
SUPERVISION, INSPECTION AND OVERHEAD (6%)					63
TOTAL REQUEST					1,114
TOTAL REQUEST (ROUNDED)					1,100
10. Description of Proposed Construction: Perform all work to upgrade the existing sanitary sewer system, remove contaminated soil, and accomplish remediation work.					
11. REQUIREMENT: 45,900 LF ADEQUATE: 0 SUBSTANDARD: 45,900 LF <u>PROJECT:</u> Upgrade sanitary sewer system. (Current Mission) <u>REQUIREMENT:</u> This is a Level I environmental compliance requirement to correct a permit violation with the City of Enid, Oklahoma. This project will upgrade the existing sanitary sewer system to prevent environmental contamination and system overload due to storm water infiltration. The Clean Water Act prohibits contamination of underground water sources. <u>CURRENT SITUATION:</u> The existing base sanitary sewer system was designed and constructed in 1942 to meet the requirements of Vance AFB at that time. Due to age, soil conditions, and major changes in the size and number of facilities located on base, many of the lines have cracked, broken, collapsed, become misaligned, and are now undersized to handle the newer facilities. A smoke test of the system identified numerous failures in the system and sources of storm water infiltration. Within the past year a collapsed line caused sanitary sewage to escape from the system; this incident was reported to the EPA. Maintenance costs have steadily increased the last three years with over 300 manhours expended on repairs in each of the past two years. The Vance AFB sewage system was connected to the City of Enid in March 1990 and the base now pays sewage treatment fees based upon the quantity of sewage treated. Sewage flow increases as much as 25 percent during periods of rain due to infiltration through damaged lines and possible crossconnections with the storm sewer resulting in increased sewage treatment fees. <u>IMPACT IF NOT PROVIDED:</u> Untreated sewage from this system will continue					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION VANCE AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE UPGRADE SANITARY SEWER SYSTEM	5. PROJECT NUMBER XTLF943303	
<p>to contaminate the environment increasing the potential of harming the health and welfare of the base population. The fifty-year-old system will continue to deteriorate at an accelerated rate. Increased flow rates due to infiltration will continue to cause higher treatment costs. The potential for citations with fines up to \$25,000 per citation will exist.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY 98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANCE AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SANITARY SEWER SYSTEM	XTLF943303	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 JUL 30	
(b) Parametric Cost Estimates used to develop costs	Y	
(c) Percent Complete as of Jan 1994	35%	
(d) Date 35% Designed.	94 JAN 31	
(e) Date Design Complete	94 SEP 15	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	60	
(b) All Other Design Costs	38	
(c) Total	98	
(d) Contract	70	
(e) In-house	28	
(4) Construction Start		
	94 DEC	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
VANCE AIR FORCE BASE, OKLAHOMA			UPGRADE STORM DRAINAGE SYSTEM		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.57.56	871-183	XTLF953304	1,800		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE STORM DRAINAGE SYSTEM	LF	56,900		1,534	
REPAIR EXISTING LINES	LF	50,000	13	(650)	
NEW DRAIN LINE	LF	1,600	105	(168)	
CHANNEL IMPROVEMENTS	LF	5,300	135	(716)	
SUPPORTING FACILITIES				30	
SITE IMPROVEMENTS	LS			(15)	
PAVEMENT REPAIR	LS			(15)	
SUBTOTAL				1,564	
CONTINGENCY (10%)				156	
TOTAL CONTRACT COST				1,720	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				103	
TOTAL REQUEST				1,823	
TOTAL REQUEST (ROUNDED)				1,800	
10. Description of Proposed Construction: Upgrade and repair the storm water drainage system for the base cantonment area, to include the south drainage ditch. Work shall include repair of all collapsed, cracked and/or broken pipes, and leaking pipe joints. Also install additional drainage pipes, a concrete channel liner, headwalls, culverts and all other associated appurtenances.					
11. REQUIREMENT: 122,346 LF ADEQUATE: 67,804 LF SUBSTANDARD: 51,341 LF PROJECT: Upgrade storm drainage system. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. Repairs will achieve compliance with the National Pollution Discharge Elimination System (NPDES) permit. Repair the existing storm water drainage system and provide additional drainage capacity to prevent flooding. Additional capacity is required to provide adequate drainage for a storm that statistically occurs once in 10 years. The work required is based on the 1987 Maintenance Upgrade Drainage System (MUDS) study for Vance AFB. CURRENT SITUATION: The existing system was constructed in 1942 to meet the needs of Vance Air Force Base at the time. The system has deteriorated due to age and soil conditions, resulting in cracks and misaligned joints. These openings and the unlined channels allow soil infiltration, raising the total suspended solids (TSS) in the storm water. TSS limits identified in the NPDES permit have been exceeded three times since 1992 and by as much as 45 percent. The existing storm drainage system cannot handle runoff from a 10-year storm event which results in flooding. IMPACT IF NOT PROVIDED: Storm water discharge will continue to exceed the parameters of our NPDES permit during periods of runoff and could result					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANCE AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE SYSTEM	XTLF953304	
<p>in fines due to Clean Water Act violations up to \$25K per violation. The center of the cantonment area will continue to experience flooding resulting in damaged pavements, increased erosion, and pedestrian and vehicular traffic obstructions.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY 98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANCE AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE SYSTEM	XTLF953304	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 30
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		94 JAN 31
(e) Date Design Complete		94 SEP 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		102
(b) All Other Design Costs		42
(c) Total		144
(d) Contract		110
(e) In-house		34
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)					2. DATE				
3. INSTALLATION AND LOCATION CHARLESTON AIR FORCE BASE, SOUTH CAROLINA					4. COMMAND AIR MOBILITY COMMAND		5. AREA CONST COST INDEX 0.85				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 93		533	3642	1134	103	306	5	1	3	2	5,729
b. End FY 1999		547	3359	1079				1	3	2	4,991
7. INVENTORY DATA (\$000)											
a. Total Acreage: (6,235)											
b. Inventory Total As Of: (30 SEP 93) 157,276											
c. Authorization Not Yet In Inventory: 66,200											
d. Authorization Requested In This Program: 11,400											
e. Authorization Included In Following Program: (FY 1996) 51,150											
f. Planned In Next Three Program Years: 17,000											
g. Remaining Deficiency: 0											
h. Grand Total: 303,026											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
442-257		UPGRADE HAZARDOUS WASTE STORAGE FACILITY		LS		1,500		JUL 93		OCT 94	
721-315		ALTER DORMITORIES		405 PN		9,900		JUL 93		SEP 94	
TOTAL:						11,400					
9a. Future Projects: Included in the Following Program (FY 1996)											
121-122		C-17 ADD TO AND ALTER APRON/HYDRANT FUELING SYSTEM		LS		12,800					
136-668		AIRFIELD LIGHTING VAULT		3,000 SF		1,300					
141-753		SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT FACILITY		41,929 SF		7,100					
171-212		ADD TO FLIGHT SIMULATION TRAINING		4,700 SF		1,300					
211-000		AIRCRAFT MAINTENANCE		24,000 SF		4,400					
211-153		C-17 ADD TO AND ALTER AIRCRAFT MAINTENANCE AND NDI SHOP		52,250 SF		4,500					
211-173		LARGE ACFT MAINTENANCE DOCK		26,000 SF		5,600					
721-312		DORMITORY		197 PN		5,600					
721-312		ALTER DORMITORY		293 PN		6,800					
843-315		ADD TO AND ALTER FIRE HYDRANTS		24,000 LF		1,750					
TOTAL:						51,150					
9b. Future Projects: Typical Planned Next Three Years:											
130-142		FIRE/CRASH RESCUE STATION		4,700 SF		1,100					
141-753		SQUADRON OPERATIONS/AMU FACILITY		41,929 SF		7,100					
219-000		BASE ENGINEERING COMPLEX		41,000 SF		5,600					
411-135		IMPROVE JET FUEL STORAGE		LS		1,500					
442-257		BASE HAZ MATERIALS STORAGE		9,600 SF		1,300					
10. Mission or Major Functions: An airlift wing which includes four C-141C-17 squadrons; an Air Force Reserve C-141 associate airlift wing; and an Air National Guard fighter interceptor detachment with F-16 aircraft. A joint military/civil use airfield.											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST			
CHARLESTON AIR FORCE BASE, SOUTH				AIR MOBILITY				COST INDEX			
CAROLINA				COMMAND				0.85			
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of											
b. End FY											
7. INVENTORY DATA (\$000)											
a. Total Acreage:											
b. Inventory Total As Of:											
c. Authorization Not Yet In Inventory:											
d. Authorization Requested In This Program:											
e. Authorization Included In Following Program:											
f. Planned In Next Three Program Years:											
g. Remaining Deficiency:											
h. Grand Total:											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution: 0											
b. Water pollution: 0											
c. Occupational safety and health: 0											
d. Other Environmental: 0											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION CHARLESTON AIR FORCE BASE, SOUTH CAROLINA			4. PROJECT TITLE UPGRADE HAZARDOUS WASTE STORAGE FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.18.56	442-257	DKFX953008	1,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE HAZARDOUS WASTE STORAGE FACILITY		LS			181
MODIFY TANK SUPPORTS		TK	4	8,750	(35)
ENCLOSE CONTAINER STORAGE AREA		SF	3,800	28	(106)
MODIFY SECONDARY CONTAINMENT		LS			(15)
LOADING DOCK W/CONNECTOR TO SEPARATOR		LS			(25)
SUPPORTING FACILITIES					1,105
COMPACTION/GROUTING/SOIL BORINGS		LS			(1,010)
PAVEMENTS		SY	1,500	63	(95)
SUBTOTAL					1,286
CONTINGENCY (10%)					129
TOTAL CONTRACT COST					1,415
SUPERVISION, INSPECTION AND OVERHEAD (6%)					85
TOTAL REQUEST					1,500
TOTAL REQUEST (ROUNDED)					1,500
10. Description of Proposed Construction: Soil and foundation stabilization of existing hazardous waste storage facility to meet seismic standards. Project consists of injecting soil stabilizing zero slump grout to a depth of 35 feet under tank and container storage areas. Project will include modification of tank supports, enclosing the container storage areas, paving the yard and necessary support.					
11. REQUIREMENT: As required. PROJECT: Upgrade hazardous waste storage facility. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. This project is required to upgrade the existing hazardous waste storage facility to comply with criteria specified in the South Carolina Code of Regulation 104 - Hazardous Waste Management Location Standards; adopted 22 Feb 1991. Charleston AFB is considered a large quantity generator, and as such, they must store forty-two different hazardous waste materials until proper disposal can be arranged. This standard requires waste storage facilities to be capable of withstanding the stresses of the largest earthquake anticipated in their seismic zone to prevent release of hazardous waste into the environment. CURRENT SITUATION: Hazardous waste at Charleston AFB is stored in a facility permitted in accordance with Part B of the implementing regulations of the Resource Reclamation and Conservation Act (RCRA). The facility consists of four 5,000 gallon tanks in concrete secondary containment and seven container storage areas with secondary containment. The South Carolina Department of Health and Environmental Control inspected the Charleston hazardous waste storage facility 29 Oct 92. During the inspection it was stated that the facility did not meet current seismic requirements and that the base would lose its Part B permit if the					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CHARLESTON AIR FORCE BASE, SOUTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE HAZARDOUS WASTE STORAGE FACILITY	DKFX953008	

situation was not remediated. If the Part B permit were terminated, the base would have to dispose of hazardous wastes within a 90 day period. This would increase the potential for open enforcement actions (OEA's) associated with having to remove hazardous wastes in such a short time period. Proper identification and labeling of chemicals and other hazardous wastes, and the required inspection of the packaging, can take over three months to accomplish, thus increasing the potential of OEA's, fines, and adverse publicity for this base. Storage and disposal of contaminated jet fuel and oil in four 5,000 gallon tanks, as opposed to numerous smaller capacity tanks, is much easier to manage as it is less labor intensive for base environmental managers and state inspectors. Replacing the 5,000 gallon tanks will not significantly reduce the cost of this request as the compaction, grouting, and soil borings required at this site will remain the same, which is the majority of the project cost.

IMPACT IF NOT PROVIDED: Due to the complexity and heavy regulation of hazardous waste management, exceeding 90 day storage prior to disposal is very probable and could result in Notices of Violation (NOV's) and fines of up to \$25,000 per day per citation. The South Carolina Department of Environmental Health and Control inspected the Charleston hazardous waste storage site and stated the facility did not meet current seismic requirements and that the base would lose its Part B permit if violations were not remediated.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CHARLESTON AIR FORCE BASE, SOUTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE HAZARDOUS WASTE STORAGE FACILITY	DKFX953008	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 01
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		94 JAN 12
(e) Date Design Complete		94 OCT 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		90
(b) All Other Design Costs		50
(c) Total		140
(d) Contract		100
(e) In-house		40
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION CHARLESTON AIR FORCE BASE, SOUTH CAROLINA			4. PROJECT TITLE ALTER DORMITORIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.18.96	721-312	DKFX953014	9,900		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
ALTER DORMITORIES (405 PN)	LS			6,975	
ALTERATION	SF	81,500	80	(6,520)	
ENCLOSE STAIRWELLS	LS			(105)	
CONVERT FLAT ROOF TO SLOPED ROOF	LS			(350)	
SUPPORTING FACILITIES				1,480	
UTILITIES	LS			(300)	
SITE IMPROVEMENTS	LS			(500)	
FIRE SUPPRESSION SYSTEM	LS			(200)	
ASBESTOS REMOVAL/DISPOSAL	LS			(180)	
SEISMIC	LS			(300)	
SUBTOTAL				8,455	
CONTINGENCY (10%)				846	
TOTAL CONTRACT COST				9,301	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				558	
TOTAL REQUEST				9,859	
TOTAL REQUEST (ROUNDED)				9,900	
10. Description of Proposed Construction: Demolition of existing interior partitions. Renovation to include new room-bath-room modules, laundries, storage, lounge areas, asbestos removal/disposal, converting flat roof to sloped roof. Also includes installation of exterior wall insulation, stairwell enclosure, and interior seismic shear walls. Grade Mix: 405 E1-E4.					
11. REQUIREMENT: 1,844 PN ADEQUATE: 726 PN SUBSTANDARD: 896 PN PROJECT: Alter dormitories. (Current Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well being. Properly designed and furnished quarters which provide some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. CURRENT SITUATION: The three facilities to be upgraded were constructed in the 1950's. Inefficiencies include lack of privacy, inadequate lighting, poor insulation and sound attenuation, obsolete electrical and mechanical systems and central latrines. Facilities do not conform to current standards of seismic design. The current dormitory occupancy rate at this base is 98 percent. IMPACT IF NOT PROVIDED: Substandard living conditions will persist and morale, productivity and career satisfaction of the enlisted force will continue to be degraded. ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economical analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo. Based on the net					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CHARLESTON AIR FORCE BASE, SOUTH CAROLINA		
4. PROJECT TITLE		5. PROJECT NUMBER
ALTER DORMITORIES		DKFX953014
<p>values and benefits of the respective alternatives, revitalization was found to be the most cost efficient over the life of the project. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CHARLESTON AIR FORCE BASE, SOUTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER DORMITORIES	DKFX953014	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 JUL 01	
(b) Parametric Cost Estimates used to develop costs	Y	
(c) Percent Complete as of Jan 1994	35%	
(d) Date 35% Designed.	94 JAN 14	
(e) Date Design Complete	94 SEP 01	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	594	
(b) All Other Design Costs	346	
(c) Total	940	
(d) Contract	875	
(e) In-house	65	
(4) Construction Start	95 JAN	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.10				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		870	5067	494	34	76	12				6,553
b. End FY 1999		689	3643	502	119	10		1	1	5	4,970
7. INVENTORY DATA (\$000)											
a. Total Acreage: (6,616)											
b. Inventory Total As Of: (30 SEP 93) 417,243											
c. Authorization Not Yet In Inventory: 26,320											
d. Authorization Requested In This Program: 1,450											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 53,100											
g. Remaining Deficiency: 0											
h. Grand Total: 498,113											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
871-183	UPGRADE STORM DRAINAGE FACILITIES	LS				1,450	JUN 93	MAR 94			
TOTAL:						1,450					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
121-122	UPGRADE HYDRANT FUELING SYSTEM	LS				17,200					
141-461	USAF COMMAND POST	10,000 SF				3,900					
411-135	IMPROVE UNDERGROUND FUEL STORAGE TANKS	LS				2,050					
610-000	CONSOLIDATED MANAGEMENT SUPPORT CENTER (PH 3)	41,650 SF				5,700					
841-161	ADD TO AND ALTER WATER SUPPLY SYSTEM	45,200 LF				4,400					
10. Mission or Major Functions: A bomb wing which includes two B-1 squadrons; an AFSPACECOM missile wing with one Minuteman intercontinental ballistic missile squadron and HH-1 helicopters; and an Air Mobility Command air refueling squadron (KC-135 aircraft).											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										1,500	
b. Water pollution:										8,500	
c. Occupational safety and health:										1,100	
d. Other Environmental:										1,500	

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA			4. PROJECT TITLE UPGRADE STORM DRAINAGE FACILITIES		
5. PROGRAM ELEMENT 2.74.56C	6. CATEGORY CODE 871-183	7. PROJECT NUMBER FXBM992500	8. PROJECT COST(\$000) 1,450		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE STORM DRAINAGE FACILITIES		LS			550
SUPPORTING FACILITIES					760
CORRECT CROSS-CONNECTIONS		LS			(400)
INSTALL EROSION CONTROL		CY	8,000	45	(360)
SUBTOTAL					1,310
CONTINGENCY (5%)					66
TOTAL CONTRACT COST					1,376
SUPERVISION, INSPECTION AND OVERHEAD (6%)					83
TOTAL REQUEST					1,459
TOTAL REQUEST (ROUNDED)					1,450
10. Description of Proposed Construction: Install pollution control structures to channel and divert only storm water runoff to the existing storm water detention basin, correct sanitary and storm sewer cross connections. Provide erosion control for existing detention basin and outfall locations.					
11. REQUIREMENT: As required. PROJECT: Upgrade storm drainage facilities. (Current Mission) REQUIREMENT: This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122 for storm water discharge. The storm water permit was issued on 1 Oct 93. The base is required to be in compliance with their National Pollutant Discharge Elimination System (NPDES) permit by Oct 96. Corrective actions are required to eliminate sources of pollutants to the storm drain. Installation of storm water pollution control structures will allow only storm water runoff to enter the existing storm water detention basin and eventually to Box Elder Creek. The base is required to certify that non-storm water discharges are not connected to the storm drainage system. CURRENT SITUATION: The existing storm water detention basin receives storm water runoff from the flightline area of the base. There are presently no measures to prevent potential pollutant sources from mixing with storm water runoff and entering the detention basin. There are non-storm water discharges connected to the storm drainage system which are not allowed by the NPDES permit. The existing storm water detention basin requires erosion control in order to function properly. IMPACT IF NOT PROVIDED: Ellsworth AFB will be out of compliance with their NPDES permit. The continuous violation of storm water regulations					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	FXBM992500	
<p>have the potential for fines up to \$25,000 per day per violation and could create adverse publicity.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does not meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements."</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	FXBM992500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 24
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 NOV 01
(e) Date Design Complete		94 MAR 20
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		77
(b) All Other Design Costs		39
(c) Total		116
(d) Contract		77
(e) In-house		39
(4) Construction Start		
		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST			
ARNOLD AIR FORCE BASE, TENNESSEE				AIR FORCE				COST INDEX			
				MATERIEL COMMAND				0.90			
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		69	53	199					1	21	343
b. End FY 1999		69	47	198					1	21	336
7. INVENTORY DATA (\$000)											
a. Total Acreage: (39,081)											
b. Inventory Total As Of: (30 SEP 93) 1,141,328											
c. Authorization Not Yet In Inventory: 2,400											
d. Authorization Requested In This Program: 1,900											
e. Authorization Included In Following Program: (FY 1996) 8,950											
f. Planned In Next Three Program Years: 11,900											
g. Remaining Deficiency: 0											
h. Grand Total: 1,166,478											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
422-257	HAZARDOUS WASTE/MATERIAL STORAGE FACILITY	18,000 SF				1,900	MAY 93	SEP 94			
TOTAL:						1,900					
9a. Future Projects: Included in the Following Program (FY 1996)											
130-142	UPGRADE FIRE PROTECTION SYSTEMS	LS				3,750					
318-614	UPGRADE ENGINE TEST FACILITY REFRIGERATION SYSTEM	LS				5,200					
TOTAL:						8,950					
9b. Future Projects: Typical Planned Next Three Years:											
219-944	BASE MAINTENANCE SHOP	24,960 SF				3,000					
318-614	UPGRADE ENGINE TEST FACILITY DUCTING	LS				8,900					
10. Mission or Major Functions: Arnold Engineering Development Center which conducts research, development, testing, and evaluation in support of aerospace system acquisition. The complex of wind tunnels, jet and rocket engine test cells, space simulation chambers, and hyperballistic ranges is the largest in the US.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										2,000	
b. Water pollution:										7,350	
c. Occupational safety and health:										0	
d. Other Environmental:										5,200	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ARNOLD AIR FORCE BASE, TENNESSEE			HAZARDOUS WASTE/MATERIAL STORAGE FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
7.80.56	422-257	ANZY963003	1,900		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
HAZARDOUS WASTE/MATERIAL STORAGE FACILITY		SF	18,000	82	1,476
SUPPORTING FACILITIES					235
UTILITIES		LS			(75)
PAVEMENTS/CONTAINMENT PAD		LS			(100)
SITE IMPROVEMENTS		LS			(50)
DEMOLITION		SF	800	13	(10)
SUBTOTAL					1,711
CONTINGENCY (5%)					86
TOTAL CONTRACT COST					1,797
SUPERVISION, INSPECTION AND OVERHEAD (6%)					108
TOTAL REQUEST					1,905
TOTAL REQUEST (ROUNDED)					1,900
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, pre-engineered insulated metal building with sloped roof. Includes segregation barriers, office and support space, loading dock, containment pad, access and necessary support. Demolish one building. Air Conditioning: 2 Tons.					
11. REQUIREMENT: 26,170 SF ADEQUATE: 7,860 SF SUBSTANDARD: 1,120 SF PROJECT: Construct a hazardous waste/material storage facility. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. An environmentally safe hazardous waste and material storage facility is needed to correct a deficiency identified in a 1992 External Environmental Compliance Assessment and Management Program (ECAMP) audit, which cited a violation of 40 CFR 761.65 (b) (1) (iv). A storage facility is required which meets all government standards for storage of both hazardous materials and hazardous wastes. Standards are included in the Resource Conservation and Recovery Act (RCRA) and the Toxic Substances Control Act (TSCA). This facility will be used for long term storage of hazardous wastes. CURRENT SITUATION: The only two buildings which are permitted for storage of RCRA regulated hazardous wastes were constructed as rocket storage facilities and are located within quantity-distance safety zones for existing explosive storage. The larger building is not suited for storage of TSCA regulated substances such as polychlorinated byphenyl (PCB) because of seams in the floor. This deficiency was identified in the 1992 External ECAMP audit described above. The other building is configured so that access to one leaking drum may necessitate moving over 100 drums before repackaging can begin. The hazardous waste storage yard is a solid					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
ARNOLD AIR FORCE BASE, TENNESSEE			
4. PROJECT TITLE		5. PROJECT NUMBER	
HAZARDOUS WASTE/MATERIAL STORAGE FACILITY		ANZY963003	
<p>waste management unit subject to RCRA corrective action rules since previous spills have resulted in contamination of surrounding soils. Also, the outside area is constructed of gravel without berms, in violation of new Clean Water Act (CWA) rules for control of potential hazardous material/waste runoff into surface waters.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Storage of hazardous wastes at this base will be out of compliance with RCRA, TSCA and CWA regulations. Contamination of the environment will continue, subjecting the base and the Air Force to litigation and possible fines.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ARNOLD AIR FORCE BASE, TENNESSEE		
4. PROJECT TITLE	5. PROJECT NUMBER	
HAZARDOUS WASTE/MATERIAL STORAGE FACILITY	ANZY963003	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAY 28
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 DEC 20
(e) Date Design Complete		94 SEP 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		110
(b) All Other Design Costs		70
(c) Total		180
(d) Contract		
(e) In-house		180
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION KELLY AIR FORCE BASE, TEXAS				4. COMMAND AIR FORCE MATERIEL COMMAND				5. AREA CONST COST INDEX 0.87			
6. PERSONNEL STRENGTH		PERMANENT		STUDENTS			SUPPORTED				
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		875	3879	16243							20,997
b. End FY 1999		803	3417	13464				1	7	12	17,704
7. INVENTORY DATA (\$000)											
a. Total Acreage: (4,703)											
b. Inventory Total As Of: (30 SEP 93) 478,450											
c. Authorization Not Yet In Inventory: 42,290											
d. Authorization Requested In This Program: 8,950											
e. Authorization Included In Following Program: (FY 1996) 18,464											
f. Planned In Next Three Program Years: 50,790											
g. Remaining Deficiency: 0											
h. Grand Total: 598,944											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST (\$000)		DESIGN STATUS		
CODE									START		CMPL
121-122		UPGRADE HYDRANT FUELING SYSTEMS			LS		3,700		TURN KEY		
721-312		ADD TO AND ALTER DORMITORY			136 PN		2,250		MAR 93		SEP 94
832-266		UPGRADE SANITARY SEWER LINES			40,000 LF		3,000		TURN KEY		
		TOTAL:					8,950				
9a. Future Projects: Included in the Following Program (FY 1996)											
211-152		C-17 COMPOSITE REPAIR FACILITY (DBOF)			55,000 SF		5,400				
610-249		WING HEADQUARTERS FACILITY			20,000 SF		3,244				
730-772		ADD TO AND ALTER CHAPEL CENTER			LS		720				
832-266		REPLACE SANITARY SEWER LINES			40,000 LF		3,100				
871-183		UPGRADE STORM DRAINAGE SYSTEM			8,800 LF		6,000				
		TOTAL:					18,464				
9b. Future Projects: Typical Planned Next Three Years:											
113-321		ADD TO AIRCRAFT PARKING APRON			40,900 SY		2,800				
211-116		RENOVATE DEPOT MAINTENANCE HANGAR			LS		6,000				
211-254		ALTER VENTILATION SYSTEM, ENGINE OVERHAUL FACILITY			LS		5,000				
441-758		SUPPLIES & EQUIP WHSE DEPOT			13,000 SF		3,380				
845-363		WATER REUSE DISTRIBUTION SYSTEM			LS		3,100				
10. Mission or Major Functions: San Antonio Air Logistics Center which is responsible for logistics management, support, and depot-level maintenance of B-52, C-5, C-9, C-17, T-37, T-38, and T-41 aircraft, and all fuels and TF39/T56/F100 engines; an Air National Guard fighter group (F-16 squadron); an Air Force Reserve airlift wing (C-5 aircraft); Headquarters Air Force Intelligence Command; Air Force News Agency; and Joint and Air Force Electronic Warfare Centers.											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)							2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION							4. COMMAND			5. AREA CONST COST INDEX	
KELLY AIR FORCE BASE, TEXAS							AIR FORCE MATERIEL COMMAND			0.87	
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of											
b. End FY											
7. INVENTORY DATA (\$000)											
a. Total Acreage:											
b. Inventory Total As Of:											
c. Authorization Not Yet In Inventory:											
d. Authorization Requested In This Program:											
e. Authorization Included In Following Program:											
f. Planned In Next Three Program Years:											
g. Remaining Deficiency:											
h. Grand Total:											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										7,500	
b. Water pollution:										22,200	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
KELLY AIR FORCE BASE, TEXAS			UPGRADE HYDRANT FUELING SYSTEMS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
7.80.56	121-122	MBPB933050	3,700		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE HYDRANT FUELING SYSTEMS	LS			2,700	
SUPPORTING FACILITIES				470	
UTILITIES	LS			(120)	
PAVEMENTS	LS			(30)	
SITE IMPROVEMENTS	LS			(70)	
LEAK DETECTION SYSTEM	LS			(250)	
SUBTOTAL				3,170	
CONTINGENCY (10%)				317	
TOTAL CONTRACT COST				3,487	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				209	
TOTAL REQUEST				3,696	
TOTAL REQUEST (ROUNDED)				3,700	
10. Description of Proposed Construction: Install automatic leak detection system, pressure, flow, and safety devices, and refueling pumps on two hydrant fueling systems.					
11. REQUIREMENT: As required. PROJECT: Upgrade hydrant fueling systems. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. All existing pressurized piping, including hydrant fueling systems, were required to meet the leak detection requirements of the Texas Water Commission (TWC) underground storage tank rule 334.121-132 by 22 December 1990. TWC enforcement order, 23 March 1989, directs the base to have a method of detecting and preventing releases from underground pipelines. Reliable and environmentally safe hydrant fueling systems are required to refuel aircraft as large as the C-5. Upgrade of the existing systems is required to prevent fuel spills, to lessen the impact of spills, or to provide early detection of any spills which do occur. The alternative is to refuel from tank trucks which takes longer and increases possibility of spillage. CURRENT SITUATION: Kelly Air Force Base utilizes hydrant fueling systems for fueling aircraft as large as the C-5; consequently, these systems are capable of delivering a large amount of fuel in a relatively short period of time. Two twenty-year-old systems are out of compliance with Texas Water Commission rules which require automatic leak detection on the underground portions to preclude leaks from going undetected. Over \$1.9 million has already been spent to investigate and remediate two previous breaks. The base is presently in the process of cleaning up ground water contaminated from one of the previous fuel spills. Presently, if a line ruptures, the pumps run until all the fuel is expended or until the pumps					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
KELLY AIR FORCE BASE, TEXAS			
4. PROJECT TITLE		5. PROJECT NUMBER	
UPGRADE HYDRANT FUELING SYSTEMS		MBPB933050	
<p>are manually shut off. Addition of automatic shut off devices will eliminate this deficiency.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The probability of ground water contamination of the environmentally sensitive aquifer due to fuel spills at this base will remain very high. The base will be subject to enforcement actions and fines of up to \$25,000 per day.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission and regulatory requirements; therefore, a formal economic analysis was not needed or performed. A certificate of exception has been prepared.</p>			

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION KELLY AIR FORCE BASE, TEXAS		
4. PROJECT TITLE UPGRADE HYDRANT FUELING SYSTEMS	5. PROJECT NUMBER MBPB933050	
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by one step turn key procedures</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - NO</p> <p>(b) Where Design Was Most Recently Used - N/A</p> <p>(3) Design Allowance 214</p> <p>(4) Construction Start 94 DEC</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
KELLY AIR FORCE BASE, TEXAS		ADD TO AND ALTER DORMITORY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
7.28.96	721-312	MBPB943411	2,250	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD TO AND ALTER DORMITORY (136 PN)	SF	28,650		1,506
ADDITION	SF	3,350	72	(241)
ALTERATION	SF	25,300	50	(1,265)
SUPPORTING FACILITIES		1		405
UTILITIES	LS			(130)
PAVEMENTS	LS			(25)
SITE IMPROVEMENTS	LS			(50)
ASBESTOS REMOVAL	LS			(80)
COMMUNICATIONS SUPPORT	LS			(25)
DEMOLITION	SF	11,700	8	(95)
SUBTOTAL				1,911
CONTINGENCY (10%)				191
TOTAL CONTRACT COST				2,102
SUPERVISION, INSPECTION AND OVERHEAD (6%)				126
TOTAL REQUEST				2,228
TOTAL REQUEST (ROUNDED)				2,250
<p>10. Description of Proposed Construction: Remodel interior partitioning to provide room-bath-room modules, exterior entrances and balconies; extend roofline and upgrade exterior; install cable TV system, upgrade laundry rooms and HVAC systems and provide necessary support. Demolish one building.</p> <p>Grade Mix: 136 E1-E4.</p> <p>11. REQUIREMENT: 1,219 PN ADEQUATE: 945 PN SUBSTANDARD: 192 PN <u>PROJECT:</u> Add to and alter dormitory. (Current Mission) <u>REQUIREMENT:</u> A major Air Force objective is to provide unaccompanied enlisted personnel with housing that is conducive to their proper rest, relaxation, and personal well-being. Properly designed and furnished quarters which provide some degree of individual privacy, are essential to the successful accomplishment of the increasingly complicated jobs these people must perform. Demolish one building with 11,700 SF. <u>CURRENT SITUATION:</u> The building to be upgraded was constructed in the early 1950s with community latrines on each floor, and is deficient in living space, privacy, sound attenuation, convenience outlets, lighting, and insulation. Many occupants are shift workers who find that the traffic in the corridors make daytime sleep difficult or impossible to obtain. <u>IMPACT IF NOT PROVIDED:</u> Substandard on-base living conditions will continue to degrade the morale, productivity and career satisfaction of the enlisted force. <u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction and revitalization. Based on the net present values and benefits of the</p>				

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
KELLY AIR FORCE BASE, TEXAS			
4. PROJECT TITLE		5. PROJECT NUMBER	
ADD TO AND ALTER DORMITORY		MBPB943411	
<p>respective alternatives, revitalization was found to be the most cost efficient over the life of the project.</p>			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
KELLY AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
ADD TO AND ALTER DORMITORY	MBPB943411	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 MAR 29	
(b) Parametric Cost Estimates used to develop costs	Y	
(c) Percent Complete as of Jan 1994	30%	
(d) Date 35% Designed.	93 NOV 15	
(e) Date Design Complete	94 SEP 30	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	100	
(b) All Other Design Costs	135	
(c) Total	235	
(d) Contract	111	
(e) In-house	124	
(4) Construction Start	94 DEC	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION KELLY AIR FORCE BASE, TEXAS		4. PROJECT TITLE UPGRADE SANITARY SEWER LINES		
5. PROGRAM ELEMENT 7.80.56	6. CATEGORY CODE 832-266	7. PROJECT NUMBER MBPB953805	8. PROJECT COST(\$000) 3,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE SANITARY SEWER LINES	LF	40,000	38	1,520
SUPPORTING FACILITIES				1,050
MANHOLES	EA	150	1,600	(240)
PAVEMENTS	LS			(30)
SITE IMPROVEMENTS	LS			(180)
SOIL REMEDIATION	LS			(600)
SUBTOTAL				2,570
CONTINGENCY (10%)				257
TOTAL CONTRACT COST				2,827
SUPERVISION, INSPECTION AND OVERHEAD (6%)				170
TOTAL REQUEST				2,997
TOTAL REQUEST (ROUNDED)				3,000
10. Description of Proposed Construction: Excavate and replace sanitary sewer lines with PVC pipe, bedded and backfilled; repair pavements and restore site.				
11. REQUIREMENT: As required. <u>PROJECT:</u> Upgrade sanitary sewer lines. (Current Mission) <u>REQUIREMENT:</u> This is a Level II environmental compliance requirement. A sanitary sewage collection system in good working order is required to convey wastes to a connection point with the City of San Antonio for treatment. The system must not discharge untreated sewage into local aquifers consistent with a Texas Water Commission (TWC) compliance order dated 4 May 1989, which requires leaking lines to be repaired. <u>CURRENT SITUATION:</u> There are approximately 200,000 feet of sanitary sewer lines on this base. Most of the pipe is over 40 years old and made of brittle vitrified clay, which is susceptible to cracking and breaking by shifting soil. Emergency repairs to the system are often necessary as the lines are badly deteriorated. This condition was confirmed by a recent inspection using television cameras inside the lines. All surveyed lines have been found to be in a deteriorated condition with many collapsed manholes. Cross connections exist between industrial waste water lines and sanitary sewer lines, leaving the potential of contaminating the sanitary sewage which is in violation of state and federal EPA regulations. <u>IMPACT IF NOT PROVIDED:</u> Contamination of soil and aquifers will continue in violation of federal and state EPA regulations and the TWC compliance order. The potential exists for fines and penalties of up to \$10,000 per day if the lines are not repaired. <u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of				

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
KELLY AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SANITARY SEWER LINES	MBPB953805	
<p>Military Handbook 1190, "Facility Planning and Design Guide". However, it does meet the criteria specified in Air Force Manual 86-2, "Standard Facility Requirements". All reasonable alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
KELLY AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SANITARY SEWER LINES	MBPB953805	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAY 21
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed		93 DEC 20
(e) Date Design Complete		94 SEP 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		170
(b) All Other Design Costs		166
(c) Total		336
(d) Contract		168
(e) In-house		168
(4) Construction Start		95 MAR
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION LACKLAND AIR FORCE BASE, TEXAS				4. COMMAND AIR EDUCATION AND TRAINING COMMAND				5. AREA CONST COST INDEX 0.87			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 93		1665	4111	2519	82	7086	93	11	372		15,939
b. End FY 1999		1746	4558	2676	94	9102	22	11	372		18,581
7. INVENTORY DATA (\$000)											
a. Total Acreage: (6,726)											
b. Inventory Total As Of: (30 SEP 93) 424,266											
c. Authorization Not Yet In Inventory: 35,550											
d. Authorization Requested In This Program: 5,200											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 9,250											
g. Remaining Deficiency: 0											
h. Grand Total: 474,266											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
171-621		7-LEVEL TRAINING CLASSROOMS		11,400 SF		1,800		TURN KEY			
721-312		ALTER RECRUIT DORMITORY		1,000 PN		3,400		JUL 93		JUN 94	
				TOTAL:		5,200					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
171-476		COMBAT ARMS TRAINING FACILITY		36,100 SF		4,200					
171-621		DETECTOR DOG TRAINING CLASSROOM		19,300 SF		1,650					
871-183		UPGRADE STORM DRAINAGE SYSTEM		LS		3,400					
10. Mission or Major Functions: A training wing which includes Basic Military Training School, and security police, cryptographic maintenance, recruiting, and social actions courses; Defense Language Institute English Language Center; DoD Military Working Dog Training Agency; Inter-American Air Forces Academy, and a major Air Force medical center.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
LACKLAND AIR FORCE BASE, TEXAS			7-LEVEL TRAINING CLASSROOMS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.57.96	171-621	MPLS953227	1,800		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
7-LEVEL TRAINING CLASSROOMS	SF	11,400	115	1,311	
SUPPORTING FACILITIES				325	
UTILITIES	LS			(110)	
SITE IMPROVEMENTS	LS			(100)	
PAVEMENTS	LS			(65)	
COMMUNICATIONS SUPPORT	LS			(50)	
SUBTOTAL				1,636	
CONTINGENCY (5%)				82	
TOTAL CONTRACT COST				1,718	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				103	
TOTAL REQUEST				1,821	
TOTAL REQUEST (ROUNDED)				1,800	
10. Description of Proposed Construction: Concrete foundation, brick structure with standing seam metal roof providing classroom space, instructor space, and other supporting space. Air Conditioning: 20 Tons.					
11. REQUIREMENT: 240,374 SF ADEQUATE: 187,929 SF SUBSTANDARD: 41,045 SF PROJECT: Construct 7-level training classrooms. (New Mission) REQUIREMENT: Provide facilities to implement formal advanced training (7-Level Training) to E-5s and E-6s in preparation for advancement to E-7. This requirement is an initiative resulting from CSAF's Year of Training objective to improve the quality of education for Air Force personnel by standardizing a coherent set of training concepts and procedures. This project will provide classrooms, instructor space, and other supporting space to conduct formal 7-level training in 24 different courses. This 7-level training will increase Lackland AFB's average daily student load (ADSL) by 453 students; increase number of students taught per year by over 4000; and require an additional 80 instructors. CURRENT SITUATION: Formal training in preparation for E-7 level positions and responsibilities is not currently available for all E-5 and E-6 personnel in all career fields. Although some personnel have the opportunities for adequate training, many receive on-the-job training and individual course work which is not consistent or coordinated across the Air Force. The CSAF's Year of Training initiative is aimed at correcting this problem and making quality training available for all E-5 and E-6 personnel in all career fields. This training will formalize the training and help transition personnel from apprentice level to journeyman level responsibilities. Existing facilities are not available at Lackland AFB					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LACKLAND AIR FORCE BASE, TEXAS		
4. PROJECT TITLE		5. PROJECT NUMBER
7-LEVEL TRAINING CLASSROOMS		MPLS953227
<p>to provide adequate classroom space for 7-level training courses. Even though recruit accessions have gone down in recent years, Lackland AFB has consolidated functions with the Fix Lackland program. Many previously occupied substandard facilities (wood framed) have been demolished. In addition, Lackland is gaining a 1552 ADSL from missions relocated by the closure of Lowry AFB, Chanute AFB, and over 100 ADSL from other Year of Training initiatives. As a result, all excess at the installation has been consumed and there is no space available to implement the 7-level training requirement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The 7-level training program will not be able to be implemented at Lackland AFB. This will prevent the Air Force from further consolidating education functions at the base, or achieving program objectives. Making these important improvements in the quality of training for E-5 and E-6 personnel will be impossible.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LACKLAND AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
7-LEVEL TRAINING CLASSROOMS	MPLS953227	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Project to be accomplished by one step turn key procedures		
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Design Allowance	60	
(4) Construction Start	94 DEC	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
LACKLAND AIR FORCE BASE, TEXAS			ALTER RECRUIT DORMITORY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.57.96	721-312	MPLS933054	3,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER RECRUIT DORMITORY (1000 PN)		SF	209,500	14	2,933
SUBTOTAL					2,933
CONTINGENCY (10%)					293
TOTAL CONTRACT COST					3,226
SUPERVISION, INSPECTION AND OVERHEAD (6%)					194
TOTAL REQUEST					3,420
TOTAL REQUEST (ROUNDED)					3,400
10. Description of Proposed Construction: Reconfigure dining, kitchen and laundry space for a more efficient operation. Replace wall, floor, and ceiling finishes. Upgrade the facility's structural, electrical and mechanical systems. Air Conditioning: 150 Tons. Grade Mix: 1000 E1-E4.					
11. REQUIREMENT: 8,000 PN ADEQUATE: 3,000 PN SUBSTANDARD: 5,000 PN PROJECT: Alter a recruit dormitory. (Current Mission) REQUIREMENT: A major Air Force objective is to provide recruits with facilities conducive to their proper housing, dining, and training. A properly designed and furnished facility is essential to successfully train our future Air Force personnel. Existing recruit housing and training (RH&Ts) facilities were designed to meet this objective by providing housing, dining, and classroom space in one facility in an effort to develop teamwork, discipline, and camaraderie among the recruits. This project is part of the Fix Lackland program. CURRENT SITUATION: The existing building was constructed in 1968. The mechanical, electrical, lighting, and interior finishes are at the end of their useful life and need replacement. The facility is also outdated and inadequate to meet the current standards for recruit housing, training, and food service. The food preparation, serving area, and laundry area layouts are functionally inefficient and need to be altered to improve efficiency and accommodate new equipment. IMPACT IF NOT PROVIDED: The training mission of the Basic Military Training School will continue to be degraded by the condition of this facility. Failures in the mechanical and electrical systems will increase as they are used beyond their useful life. The cost of operations and maintenance to the facility will also escalate as needed repairs are					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LACKLAND AIR FORCE BASE, TEXAS		
4. PROJECT TITLE		5. PROJECT NUMBER
ALTER RECRUIT DORMITORY		MPLS933054
<p>postponed.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost efficient over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". This project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LACKLAND AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER RECRUIT DORMITORY	MPLS933054	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 15
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 DEC 10
(e) Date Design Complete		94 JUN 09
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		202
(b) All Other Design Costs		70
(c) Total		272
(d) Contract		194
(e) In-house		78
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)					2. DATE				
AIR FORCE											
3. INSTALLATION AND LOCATION					4. COMMAND			5. AREA CONST			
SHEPPARD AIR FORCE BASE, TEXAS					AIR EDUCATION AND TRAINING COMMAND			COST INDEX 0.90			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		666	2295	1050	332	3308	101	1	221		7,974
b. End FY 1999		679	2870	1515	430	5911	101	1	221		11,728
7. INVENTORY DATA (\$000)											
a. Total Acreage: (5,480)											
b. Inventory Total As Of: (30 SEP 93) 284,499											
c. Authorization Not Yet In Inventory: 24,260											
d. Authorization Requested In This Program: 3,300											
e. Authorization Included In Following Program: (FY 1996) 1,480											
f. Planned In Next Three Program Years: 29,600											
g. Remaining Deficiency: 0											
h. Grand Total: 343,139											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
171-621	7-LEVEL TRAINING CLASSROOMS	21,000 SF				3,300	JUN 93	SEP 94			
TOTAL:						3,300					
9a. Future Projects: Included in the Following Program (FY 1996)											
136-664	UPGRADE AIRFIELD LIGHTING	28,900 LF				1,480					
TOTAL:						1,480					
9b. Future Projects: Typical Planned Next Three Years:											
110-000	REPAIR AIRFIELD PAVEMENTS (RAMP)	LS				3,800					
171-621	ALTR MEDICAL TRAINING COMPLEX	169,600 SF				7,800					
442-758	LOGISTICS COMPLEX	154,000 SF				9,700					
610-243	ADD TO AND ALTER GROUP HEADQUARTERS FACILITY	16,100 SF				8,300					
10. Mission or Major Functions: A training wing responsible for aircraft maintenance, civil engineering, comptroller, transportation, and health science courses; a flying training wing with three squadrons (T-37 and T-38 aircraft) that trains US and NATO pilots under the Euro-NATO Joint Jet Pilot Training Program; a medical services training group; and a field training group.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
SHEPPARD AIR FORCE BASE, TEXAS			7-LEVEL TRAINING CLASSROOMS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.57.96	171-621	VNVP943005	3,300		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
7-LEVEL TRAINING CLASSROOMS		SF	21,000	115	2,415
SUPPORTING FACILITIES					565
UTILITIES		LS			(200)
SITE IMPROVEMENTS		LS			(150)
PAVEMENTS		LS			(125)
COMMUNICATIONS SUPPORT		LS			(90)
SUBTOTAL					2,980
CONTINGENCY (5%)					149
TOTAL CONTRACT COST					3,129
SUPERVISION, INSPECTION AND OVERHEAD (6%)					188
TOTAL REQUEST					3,317
TOTAL REQUEST (ROUNDED)					3,300
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry wall structure with metal roof system providing classroom space, instructor space and other supporting space. Air Conditioning: 100 Tons.					
11. REQUIREMENT: 733,000 SF ADEQUATE: 616,400 SF SUBSTANDARD: 95,600 SF PROJECT: Construct 7-level training classrooms. (New Mission) REQUIREMENT: Provide facilities to implement formal advanced training to E-5s and E-6s in preparation for advancement to E-7 (7-Level Training). This requirement is an initiative resulting from CSAF's Year of Training objective to improve the quality of education for Air Force personnel by standardizing a coherent set of training concepts and procedures. This project will provide classrooms, instructor space, and other supporting space to conduct formal 7-level training in 24 different courses. This 7-level training will increase Sheppard AFB's average daily student load (ADSL) by 780 students; increase the number of students per year by almost 9000; and require an additional 105 instructors. CURRENT SITUATION: Formal training in preparation for E-7 level positions and responsibilities is not currently available for all E-6 and E-7 personnel in all career fields. Although some personnel have adequate training, many receive on-the-job training and individual coursework, which is not consistent or coordinated Air Force wide. The CSAF's Year of Training initiative is aimed at correcting this problem and making quality training available for all E-5 and E-6 personnel in all career fields. This initiative will formalize the training and help transition personnel from apprentice level to journeyman level responsibilities. Currently, there are no existing facilities available at Sheppard AFB to provide					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SHEPPARD AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
7-LEVEL TRAINING CLASSROOMS	VNVP943005	
<p>adequate classroom space for 7-level training courses. Sheppard is gaining a 2,640 ADSL from missions relocated by the closure of Lowry AFB, Chanute AFB, and over 100 ADSL from requirements driven by other Year of Training initiatives. As a result, all excess space has been utilized and there is no space available to implement the 7-level training requirement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The 7-level training will not be able to be implemented at Sheppard AFB. This will prevent the Air Force from further consolidating education functions at the base, or achieving program objectives. Making these important improvements in the quality of training for E-5 and E-6 Air Force personnel will be impossible.</p> <p><u>ADDITIONAL:</u> A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade, new construction, leasing) was done. It indicates new construction is the only option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SHEPPARD AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
7-LEVEL TRAINING CLASSROOMS	VNVP943005	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 09
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		15%
(d) Date 35% Designed.		94 APR 01
(e) Date Design Complete		94 SEP 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		190
(b) All Other Design Costs		90
(c) Total		280
(d) Contract		210
(e) In-house		70
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST COST INDEX				
FAIRCHILD AIR FORCE BASE, WASHINGTON				AIR COMBAT COMMAND			1.11				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		562	3570	495	140	372	22				5,161
b. End FY 1999		566	3423	541	116	80	1	1	1	15	4,744
7. INVENTORY DATA (\$000)											
a. Total Acreage: (6,060)											
b. Inventory Total As Of: (30 SEP 93) 313,123											
c. Authorization Not Yet In Inventory: 10,760											
d. Authorization Requested In This Program: 3,850											
e. Authorization Included In Following Program: (FY 1996) 35,450											
f. Planned In Next Three Program Years: 28,600											
g. Remaining Deficiency: 0											
h. Grand Total: 391,783											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
442-257	HAZARDOUS MATERIAL STORAGE FACILITY	7,000 SF				1,400	JUL 93	AUG 94			
871-183	UPGRADE STORM DRAINAGE FACILITIES	LS				2,450	JUL 93	JUL 94			
TOTAL:						3,850					
9a. Future Projects: Included in the Following Program (FY 1996)											
121-122	HYDRANT FUELING SYSTEM	21 EA				17,000					
141-753	SQUADRON OPERATIONS FACILITY	40,860 SF				6,300					
141-753	SQUADRON OPERATIONS FACILITY	40,860 SF				6,100					
171-212	KC-135 FLIGHT SIMULATOR	21,500 SF				4,500					
411-135	IMPROVE UNDERGROUND FUEL STORAGE TANKS	LS				1,550					
TOTAL:						35,450					
9b. Future Projects: Typical Planned Next Three Years:											
131-111	COMMUNICATIONS FACILITY	18,000 SF				3,450					
136-664	UPGRADE RUNWAY LIGHTING SYSTEM	LS				4,000					
422-264	ALCM CONVENTIONAL MUNITIONS STORAGE IGLOOS	5 EA				6,000					
610-243	SURVIVAL TRAINING SUPPORT FACILITY	42,300 SF				5,000					
610-249	WING HEADQUARTERS	28,300 SF				5,400					
10. Mission or Major Functions: An Air Combat Command bomb wing which includes one B-52 squadron; two Air Mobility Command air refueling squadrons (KC-135 aircraft); an Air National Guard air refueling wing (KC-135 aircraft); and the Air Education and Training Survival Training School (UH-1 helicopters).											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										1,550	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
FAIRCHILD AIR FORCE BASE, WASHINGTON			HAZARDOUS MATERIAL STORAGE FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.75.96C	442-257	GJKZ920016	1,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
HAZARDOUS MATERIAL STORAGE FACILITY		SF	7,000	110	770
SUPPORTING FACILITIES					500
UTILITIES		LS			(205)
SECURITY LIGHTING		LS			(50)
SITE IMPROVEMENTS		LS			(40)
PAVEMENTS		LS			(60)
DOCK LEVELERS AND HOLDING TANKS		LS			(140)
DEMOLITION		SF	153	33	(5)
SUBTOTAL					1,270
CONTINGENCY (5%)					64
TOTAL CONTRACT COST					1,334
SUPERVISION, INSPECTION AND OVERHEAD (6%)					80
TOTAL REQUEST					1,414
TOTAL REQUEST (ROUNDED)					1,400
10. Description of Proposed Construction: Concrete foundation and floor slab, floor drains, CMU exterior walls, metal roof, fire walls separating flammable/combustible/acid storage compartments, noncombustible or fire resistant interior construction. Provide necessary environmental and safety features, dock levelers, holding tanks, roads, and parking. Includes demolition of one facility and all necessary support. Air Conditioning: 5 Tons.					
11. REQUIREMENT: 7,000 SF ADEQUATE: 0 SUBSTANDARD: 4,654 SF PROJECT: Construct a hazardous material storage facility. (Current Mission) REQUIREMENT: A facility for storing hazardous and flammable materials is required in accordance with special requirements in DOD Manual 4145.19. The facility must include provisions for safe storage of compressed gas cylinders, acids, and other chemicals. The facility must be sited no closer than fifty feet to an occupied building, must have a separate spill containment system which isolates potential spills from the sanitary sewer system, and must provide adequate ventilation, explosion proof electrical service, and fire protection safeguards. CURRENT SITUATION: Hazardous material storage facilities are inadequate and do not comply with DOD criteria. Hazardous materials are presently stored in three separate facilities. One of these buildings is a wood frame structure which meets none of the prerequisites for the proper storage of combustible or acidic materials. Major areas of noncompliance with DOD storage criteria include siting within 50 feet of other structures; acids and flammables are stored in the same room; different classes of flammable materials are not properly separated (due to space limitations); access to stored materials is restricted (aisles are too					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
FAIRCHILD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE	5. PROJECT NUMBER	
HAZARDOUS MATERIAL STORAGE FACILITY	GJKZ920016	
<p>small); walls are covered with exposed asbestos sheets; electric outlets and lights are not explosion proof; ventilation is inadequate; spill protection is inadequate, and floor drains are connected to the sanitary sewer system. This storage facility is adjacent to the base data automation unit and base personnel offices that serve an average of 2,000 people per day. The facility will be retained for storage of data automation supplies. Compressed gas and chlorine cylinders are currently stored in a vault from a demolished bank building which meets none of the criteria for hazardous storage. The facility does not have leak detectors and is located in the administrative center of the base. This 153 SF facility will be demolished upon completion of this project. The remaining storage location for cylinders and hazardous drums is in the main base supply warehouse. This space is adequate as warehouse space, but does not have the required separation, confinement and detection systems for storage of hazardous materials. This facility will be retained for normal warehouse needs.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The base will not have hazardous material storage facilities which meet DOD criteria. Inadequate and inherently unsafe storage practices will continue as no proper storage space is available. The potential for an accident or spill will remain. The potential for personal injury or harm to the environment is real. A spill of hazardous material which enters the sanitary sewer system could cause extensive and costly damage to the sewage treatment plant.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
FAIRCHILD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE	5. PROJECT NUMBER	
HAZARDOUS MATERIAL STORAGE FACILITY	GJKZ920016	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 12
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 AUG 06
(e) Date Design Complete		94 AUG 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		50
(b) All Other Design Costs		216
(c) Total		266
(d) Contract		200
(e) In-house		66
(4) Construction Start		95 MAR
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION	4. PROJECT TITLE UPGRADE STORM DRAINAGE FACILITIES			
FAIRCHILD AIR FORCE BASE, WASHINGTON				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
2.74.56C	871-183	GJKZ982500	2,450	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE STORM DRAINAGE FACILITIES	LS			350
SUPPORTING FACILITIES				1,750
OIL/WATER SEPARATOR UPGRADE	EA	40	12,500	(500)
CORRECT CROSS-CONNECTIONS	LS			(600)
POLLUTION CONTROL STRUCTURES	LS			(650)
SUBTOTAL				2,100
CONTINGENCY (10%)				210
TOTAL CONTRACT COST				2,310
SUPERVISION, INSPECTION AND OVERHEAD (6%)				139
TOTAL REQUEST				2,449
TOTAL REQUEST (ROUNDED)				2,450
10. Description of Proposed Construction: Upgrade the existing storm water detention basin, provide storm water control structures to channel and divert storm water to the detention basin. Correct sanitary and storm sewer cross-connections. Remove separators from the storm water system or connect separators to the sanitary sewer system.				
11. REQUIREMENT: As required. <u>PROJECT:</u> Upgrade storm drainage facilities. (Current Mission) <u>REQUIREMENT:</u> This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122.26 for storm water discharge. The storm water permit is scheduled to be issued in Jul 94. The base is required to be in compliance with their National Pollutant Discharge Elimination System (NPDES) permit by Oct 96. Corrective actions are required to eliminate sources of pollutants to the storm drain. Modification of the existing storm water basin will allow only storm water runoff to enter the basin and provide settlement time prior to discharge to off-base streams. The base is required to certify that non-storm water discharges are not connected to the storm drainage system. <u>CURRENT SITUATION:</u> Currently many of the industrial facilities on the base have oil/water separators discharging directly to the storm drainage system. Many of these separators are inadequate in sufficiently removing petroleum products. The existing storm water detention basin is not considered adequate for settlement of solids and has inadequate control structures to prevent pollutants from entering the basin. A significant amount of storm water flow leaving the base comes from the National Guard area and, at the present time, the storm water does not pass through the storm water detention basin. Diversion structures must be installed to				

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
FAIRCHILD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	GJKZ982500	
<p>channel this storm water into the detention basin. Cross-connections exist between the sanitary and storm system which are not allowed by the NPDES permit.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Fairchild AFB will be out of compliance with their NPDES permit. The continuous violation of storm water regulations have the potential for fines up to \$25,000 per day per violation and could create adverse publicity.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements."</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
FAIRCHILD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	GJKZ982500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUL 12
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 SEP 09
(e) Date Design Complete		94 JUL 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		100
(b) All Other Design Costs		319
(c) Total		419
(d) Contract		350
(e) In-house		69
(4) Construction Start		
		95 MAR
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
F E WARREN AIR FORCE BASE, WYOMING				AIR FORCE SPACE COMMAND				1.02			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		559	3030	557							4,146
b. End FY 1999		575	2898	541							4,014
7. INVENTORY DATA (\$000)											
a. Total Acreage: (6,701)											
b. Inventory Total As Of: (30 SEP 93) 220,072											
c. Authorization Not Yet In Inventory: 10,750											
d. Authorization Requested In This Program: 2,650											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 6,000											
g. Remaining Deficiency: 0											
h. Grand Total: 239,472											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
411-134		UNDERGROUND FUEL STORAGE TANKS		100 EA		2,650		JUN 93		JUN 94	
		MISSILE FACILITIES									
						TOTAL:		2,650			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
610-000		UPGRADE 5 HISTORIC FACILITIES		42,321 SF		2,500					
821-116		REPAIR CENTRAL HEAT PLANT		LS		3,500					
10. Mission or Major Functions: Headquarters Twentieth Air Force; an AFSPC missile wing consisting of one Peacekeeper and three Minuteman intercontinental ballistic missile squadrons which maintain a continuous alert posture (UH-1 helicopters).											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
F E WARREN AIR FORCE BASE, WYOMING			UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
3.58.56	411-134	GHLN932500	2,650		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES		EA	100		2,000
UNDERGROUND STORAGE TANKS		EA	50	32,000	(1,600)
TANK REMOVAL/DISPOSAL		EA	50	8,000	(400)
SUPPORTING FACILITIES					430
UTILITIES		LS			(30)
SITE IMPROVEMENTS		LS			(80)
SOIL REMEDIATION		LS			(300)
TEMPORARY FUEL/POWER		LS			(20)
SUBTOTAL					7,430
CONTINGENCY (10%)					243
TOTAL CONTRACT COST					2,673
TOTAL REQUEST					2,673
TOTAL REQUEST (ROUNDED)					2,650
10. Description of Proposed Construction: Remove and replace 50 underground storage tanks (UST) with 50 new USTs. Dispose of tank residue and test soil at each site. Replace tanks with new double-walled tanks and piping, interstitial leak monitoring, spill/overflow protection, and cathodic protection. Includes soil remediation, tank testing, site work, utilities and other necessary support.					
11. REQUIREMENT: As required.					
PROJECT: Remove and replace underground fuel storage tanks at missile facilities. (Current Mission)					
REQUIREMENT: This is a Level II environmental compliance requirement. All storage tanks which are regulated by 40 CFR 280 are required to be upgraded to new construction standards. The Environmental Protection Agency (EPA) has set standards that require all regulated tanks to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, Air Force policy is to replace them with aboveground tanks or to relocate them into underground vaults wherever possible. However, existing underground petroleum product storage tanks which are in good condition and may be upgraded in-place must be brought into compliance with applicable UST standards.					
CURRENT SITUATION: Underground storage tanks at F E Warren AFB missile facilities do not meet federal law (40 CFR 280.21) and state requirements for cathodic protection, leak detection monitoring and overflow/spill protection. These deficiencies must be corrected to prevent violation of federal UST regulations. Currently, 170 deeply buried USTs at missile launch and launch control facilities require upgrade or replacement to meet the 1998 federal deadline. This, the second of three projects, will					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
F E WARREN AIR FORCE BASE, WYOMING		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES	GHLN932500	
<p>replace 50 USTs, each with a capacity of 14,500 gallons, at 50 launch facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Failure to replace these tanks at F E Warren AFB will result in an unacceptable risk of pollution. Additionally, F E Warren AFB will not be in compliance with federal and state environmental requirements, thereby subjecting the base to enforcement action and potential fines up to \$25,000 per day per violation and could create adverse publicity.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in the Air Force Manual 86-2, "Standard Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, build new, and upgrade existing tanks) was done. It indicates there is only one option that will satisfy statutory requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Project has been considered for FY98 force structure end strength</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
F E WARREN AIR FORCE BASE, WYOMING			
4. PROJECT TITLE		5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS MISSILE FACILITIES		GHLN932500	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started		93 JUN 01	
(b) Parametric Cost Estimates used to develop costs		Y	
(c) Percent Complete as of Jan 1994		35%	
(d) Date 35% Designed.		93 SEP 30	
(e) Date Design Complete		94 JUN 01	
(2) Basis:			
(a) Standard or Definitive Design -		NO	
(b) Where Design Was Most Recently Used -		N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications		100	
(b) All Other Design Costs		78	
(c) Total		178	
(d) Contract		167	
(e) In-house		11	
(4) Construction Start		95 JAN	
b. Equipment associated with this project will be provided from other appropriations: N/A			

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION						4. COMMAND			5. AREA CONST COST INDEX		
LAJES FIELD, AZORES, PORTUGAL						AIR COMBAT COMMAND			1.04		
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 93		117	1037	102			1	43	384	51	1,735
b. End FY 1999		112	982	100				43	384	51	1,672
7. INVENTORY DATA (\$000)											
a. Total Acreage: (1,192)											
b. Inventory Total As Of: (30 SEP 93) 165,578											
c. Authorization Not Yet In Inventory: 10,950											
d. Authorization Requested In This Program: 2,850											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 179,378											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START	CMPL		
833-000	REFUSE INCINERATOR					LS	2,850	AUG 93	AUG 94		
						TOTAL:	2,850				
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Headquarters US Forces Azores and an airlift support wing which provides enroute support to US aircraft. Major tenants include a US Naval security group activity and a US Army transportation terminal unit.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution: 1,500											
b. Water pollution: 3,500											
c. Occupational safety and health: 2,000											
d. Other Environmental: 5,500											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
LAJES FIELD, AZORES, PORTUGAL			REFUSE INCINERATOR		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
4.18.56	833-000	MQNA953003	2,850		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
REFUSE INCINERATOR	LS			2,200	
SOLID WASTE DISPOSAL FACILITY	SF	20,000	95	(1,900)	
INCINERATOR EQUIPMENT	EA	6	50,000	(300)	
SUPPORTING FACILITIES				330	
UTILITIES	LS			(115)	
PAVEMENTS	SY	3,150	35	(110)	
SITE IMPROVEMENTS	LS			(105)	
SUBTOTAL				2,530	
CONTINGENCY (5%)				127	
TOTAL CONTRACT COST				2,657	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				173	
TOTAL REQUEST				2,830	
TOTAL REQUEST (ROUNDED)				2,850	
10. Description of Proposed Construction: Refuse incinerator plant, containment area for refuse separation, storage and necessary support.					
11. REQUIREMENT: 20,000 LS ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Construct a refuse incinerator. (Current Mission) <u>REQUIREMENT:</u> This is a Level I environmental compliance requirement. It is required by Executive Order 12088 and DoD Directive 6050.16, which call for overseas installations to comply with host nation law or the Overseas Environmental Baseline Guidance (OEBGD)/Final Governing Standards (FGS), whichever is more stringent. This project corrects violations of Portuguese Decree Law 90/71, Article 1. Additionally, this project will correct violations of the following United States regulations: 40 CFR 50, National Primary and Secondary Ambient Air Quality; 40 CFR 220, Ocean Dumping, General; 40 CFR 240, Guidelines for Thermal Processing Solid Wastes; 40 CFR 241, Guidelines for Land Disposal of Solid Wastes; and 40 CFR 257, Criteria for Classification of Solid Waste Disposal Facilities and Practices. An adequately sized refuse incinerator is required to dispose of 960 tons of solid waste/month. This facility must be capable of processing all burnable waste and contaminated fuel at Lajes Field. Facility must meet all Portuguese and United States Environmental Laws. <u>CURRENT SITUATION:</u> Current disposal operations consist of burning solid wastes in an open dump with the residue then being dumped into the ocean. The Portuguese Government has notified Lajes Field on two separate occasions to cease violating Portuguese Decree Law 90/71, Article 1. These violations continue to cause political tensions with the local communities and the Portuguese Government. Smoke from the trash fires and the refuse washing up onshore pose serious health hazards. OTHER OPTIONS					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LAJES FIELD, AZORES, PORTUGAL		
4. PROJECT TITLE	5. PROJECT NUMBER	
REFUSE INCINERATOR	MQNA953003	
<p>CONSIDERED: The use of the existing Angra landfill and a joint project with the city of Praia to develop a new landfill. Both were rejected because of possible ground water contamination.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If disposal operations are not brought into compliance with the existing Portuguese and United States environmental laws, this base will continue to pollute the environment. The base could be subject to fines and adverse publicity. Subsequent legal action could result in site closure.</p> <p><u>ADDITIONAL:</u> This project is not eligible for NATO funding. This type of facility is not within an established NATO infrastructure category for common funding and will most likely continue to be a user responsibility. However, a precautionary prefinancing statement will be submitted to NATO in the event criteria changes for facilities of this type. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide" or Air Force Manual 86-2, "Standard Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that satisfies regulatory requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LAJES FIELD, AZORES, PORTUGAL		
4. PROJECT TITLE	5. PROJECT NUMBER	
REFUSE INCINERATOR	MQNA953003	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 AUG 01
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 NOV 15
(e) Date Design Complete		94 AUG 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		159
(b) All Other Design Costs		256
(c) Total		415
(d) Contract		375
(e) In-house		40
(4) Construction Start		
		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION CLASSIFIED LOCATIONS (INSIDE AND OUTSIDE THE UNITED STATES)						4. COMMAND		5. AREA CONST COST INDEX 0.00			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 92											
b. End FY 1998											
7. INVENTORY DATA (\$000)											
a. Total Acreage: (0)											
b. Inventory Total As Of: (30 SEP 92)										0	
c. Authorization Not Yet In Inventory:										0	
d. Authorization Requested In This Program:										6,191	
e. Authorization Included In Following Program: (FY 1996)										4,176	
f. Planned In Next Three Program Years:										59,226	
g. Remaining Deficiency:										0	
h. Grand Total:										69,593	
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST (\$000)		DESIGN STATUS START CMPL		
CODE											
100-000	SPECIAL TACTICAL UNIT DETACHMENT FACILITY				LS		2,141				
217-742	WAR READINESS MATERIEL MAINTENANCE/MANAGEMENT FAC				10,000 SF		1,300		MAY 92		MAY 94
442-515	WAR READINESS MATERIEL MEDICAL STORAGE FACILITY				18,000 SF		2,100		MAY 92		MAY 94
452-252	WAR READINESS MATERIEL OPEN STORAGE FACILITY				62,000 SF		650		MAY 92		MAY 94
TOTAL:							6,191				
9a. Future Projects: Included in the Following Program (FY 1996)											
100-000	HAVE STARE RADAR BEDDOWN				LS		1,000				
100-000	SPECIAL TACTICAL UNIT DETACHMENT FACILITY				LS		3,176				
TOTAL:							4,176				
9b. Future Projects: Typical Planned Next Three Years:											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION CLASSIFIED LOCATION			4. PROJECT TITLE WAR READINESS MATERIEL MAINTENANCE/MANAGEMENT FAC		
5. PROGRAM ELEMENT 2.80.31	6. CATEGORY CODE 217-742	7. PROJECT NUMBER HTAC943048	8. PROJECT COST(\$000) 1,300		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
WAR READINESS MATERIEL					
MAINTENANCE/MANAGEMENT FAC		SF	10,000	94	940
SUPPORTING FACILITIES					220
UTILITIES		LS			(120)
PAVEMENTS		LS			(60)
SITE IMPROVEMENTS		LS			(40)
SUBTOTAL					1,160
CONTINGENCY (5%)					58
TOTAL CONTRACT COST					1,218
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					79
TOTAL REQUEST					1,297
TOTAL REQUEST (ROUNDED)					1,300
10. Description of Proposed Construction: Construct a pre-engineered metal and masonry building with environmental control systems, restrooms, administrative and shop spaces, required utilities and supporting facilities, including pavements and site improvements. Air Conditioning: 20 Tons.					
11. REQUIREMENT: 10,000 SF ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: Construct a war readiness materiel (WRM) maintenance shop and management facility. (New Mission) REQUIREMENT: A maintenance shop and management space are required for necessary maintenance, servicing and controlling the large variety of prepositioned WRM assets. These assets must be ready for use by US Central Command forces. This project supports USCENCOM/host nation agreements. CURRENT SITUATION: Other facilities in the host country are unavailable to properly maintain, service and account for the stored WRM assets. WRM assets moved into the region during Operation DESERT SHIELD/DESERT STORM must either be stored, maintained and managed in country or returned to the CONUS for necessary maintenance and servicing. CONUS storage and servicing, and roundtrip transportation will exceed storage and servicing cost in the host country. The round trip transportation cost to move equipment and material between the United States and the Southwest Asia region is nearly \$2.0 million. The prepositioned equipment must be properly maintained, serviced and accounted for to ensure its readiness capability. IMPACT IF NOT PROVIDED: Adequate facilities will not be available for servicing and controlling the stored assets required to support US Central Command contingency operations in the Persian Gulf area. Without adequate					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION CLASSIFIED LOCATION		
4. PROJECT TITLE WAR READINESS MATERIEL MAINTENANCE/MANAGEMENT FAC	5. PROJECT NUMBER HTAC943048	
<p>maintenance facilities, material and equipment will deteriorate to unacceptable conditions or they must be returned to the CONUS at greater cost than having them adequately maintained in their prepositioned location. Materials and equipment required for contingency situations must be moved back to the operational area. This increases transportation demands and slows mobility time which impedes US capability to successfully execute contingency plans and protect national interests.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CLASSIFIED LOCATION		
4. PROJECT TITLE	5. PROJECT NUMBER	
WAR READINESS MATERIEL MAINTENANCE/MANAGEMENT FAC	HTAC943048	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		92 MAY 25
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 FEB 30
(e) Date Design Complete		94 MAY 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		78
(b) All Other Design Costs		172
(c) Total		250
(d) Contract		
(e) In-house		250
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
CLASSIFIED LOCATION			WAR READINESS MATERIEL MEDICAL STORAGE FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.80.31	442-515	HTAC943046	2,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
WAR READINESS MATERIEL MEDICAL STORAGE FACILITY		SF	18,000	93	1,674
SUPPORTING FACILITIES					195
UTILITIES		LS			(115)
PAVEMENTS		LS			(45)
SITE IMPROVEMENTS		LS			(35)
SUBTOTAL					1,869
CONTINGENCY (5%)					93
TOTAL CONTRACT COST					1,962
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					128
TOTAL REQUEST					2,090
TOTAL REQUEST (ROUNDED)					2,100
10. Description of Proposed Construction: Construct a pre-engineered metal and masonry building with environmental control system, utility systems, and supporting facilities, including pavements and site improvements. Air Conditioning: 50 Tons.					
11. REQUIREMENT: 18,000 SF ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: Construct a war readiness materiel (WRM) medical storage warehouse. (New Mission) REQUIREMENT: Medical storage facilities are required for prepositioning and long-term storage of WRM medical assets which must be kept in a secure, temperature and humidity controlled environment. These assets must be ready for use by US Central Command forces. This project supports USCENTCOM/host nation agreements. CURRENT SITUATION: Other facilities in the host country are unavailable for WRM storage requirements. WRM assets moved into the region during Operation DESERT SHIELD/DESERT STORM must either be stored in country or returned to the CONUS. Host nation storage costs and CONUS storage costs are equal. The round trip transportation cost to move this equipment between the United States and the Southwest Asia region is \$2.0 million. The prepositioned equipment, currently exposed to the elements, is valued at \$7.5 million. Under present conditions, replacement of deteriorating equipment will cost nearly \$1 million per year. IMPACT IF NOT PROVIDED: Adequate facilities will not be available for storage of assets required to support US Central Command contingency operations in the Persian Gulf area. Without adequate storage facilities, material and equipment will deteriorate to unacceptable conditions or they must be returned to the CONUS at greater cost than having them adequately					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CLASSIFIED LOCATION		
4. PROJECT TITLE	5. PROJECT NUMBER	
WAR READINESS MATERIEL MEDICAL STORAGE FACILITY	HTAC943046	
<p>prepositioned. Materials and equipment stored in the US required for contingency situations must be moved back to the operational area. This increases transportation demands and slows mobility time which greatly impedes US capability to successfully execute contingency plans and protect national interests.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CLASSIFIED LOCATION		
4. PROJECT TITLE	5. PROJECT NUMBER	
WAR READINESS MATERIEL MEDICAL STORAGE FACILITY	HTAC943046	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	92 MAY 25	
(b) Parametric Cost Estimates used to develop costs	N	
(c) Percent Complete as of Jan 1994	60%	
(d) Date 35% Designed.	93 FEB 30	
(e) Date Design Complete	94 MAY 15	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	126	
(b) All Other Design Costs	153	
(c) Total	279	
(d) Contract		
(e) In-house	279	
(4) Construction Start		
	95 JAN	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
RAMSTEIN AIR BASE, GERMANY				UNITED STATES AIR FORCES IN EUROPE				1.54			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		1256	6004	826							8,086
b. End FY 1999		1106	5934	776							7,816
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,102)											
b. Inventory Total As Of: (30 SEP 93) 251,034											
c. Authorization Not Yet In Inventory: 3,150											
d. Authorization Requested In This Program: 12,350											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 6,100											
g. Remaining Deficiency: 0											
h. Grand Total: 272,634											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE		(\$000)		START	CMPL				
442-257	HAZARDOUS MATERIAL STORAGE FACILITY	6,500 SF		1,150		SEP 86	JUL 94				
831-165	UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	LS		11,200		JUL 87	SEP 94				
TOTAL:				12,350							
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
130-142	FIRE STATION (VOG)	5,520 SF		900							
740-674		54,000 SF		5,200							
10. Mission or Major Functions: Headquarters United States Air Forces in Europe; an airlift squadron (C-12, C-20, C-21, and T-43 aircraft, and UH-1 helicopters), an aeromedical airlift squadron (C-9 aircraft); a tactical intelligence wing; NATO's Headquarters AIRCENT; an Air Intelligence Agency intelligence wing; a support wing; and an Air Mobility Command airlift support group.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution: 0											
b. Water pollution: 0											
c. Occupational safety and health: 0											
d. Other Environmental: 0											

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
RAMSTEIN AIR BASE, GERMANY			HAZARDOUS MATERIAL STORAGE FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.74.56U	442-257	TYFR879008	1,150		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
HAZARDOUS MATERIAL STORAGE FACILITY	SF	6,500	135	878	
SUPPORTING FACILITIES				150	
UTILITIES	LS			(65)	
SITE IMPROVEMENTS	LS			(25)	
PAVEMENTS	LS			(45)	
DEMOLITION/ASBESTOS REMOVAL	SF	3,250	5	(15)	
SUBTOTAL				1,028	
CONTINGENCY (5%)				51	
TOTAL CONTRACT COST				1,079	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				70	
TOTAL REQUEST				1,149	
TOTAL REQUEST (ROUNDED)				1,150	
10. Description of Proposed Construction: Reinforced concrete foundation and impermeable sealed slab, concrete spill containment curb, structural frame, walls and roof system. Includes drains for wash down of flammable and hazardous materials leading to oil/water separators and containment basins, special ventilation, explosion proof electrical systems, restrooms and utility room. Includes utilities and fire protection.					
11. REQUIREMENT: As required.					
<u>PROJECT:</u> Construct a hazardous material storage facility. (Current Mission)					
<u>REQUIREMENT:</u> This is a Level I environmental compliance requirement. It is required by Executive Order 12088 and DoD Directive 6050.16, which calls for overseas installations to comply with host nation law or the Overseas Environmental Baseline Guidance Document (OEBGD)/Final Governing Standard (FGS), whichever is more stringent. According to German Water Economy Law, hazardous materials must be stored using the same precautions used for storing hazardous waste. The facility must be of adequate size and configuration with proper environmental controls, necessary fire protection, and spill containment systems. Warehouse space is required to store hazardous paints, thinners, acids, solvents, gas cylinders, various greases and oils, and a variety of class I and II flammable items.					
<u>CURRENT SITUATION:</u> The existing facility is in violation of German Economy Law, Wasserhaushaltsgesetz, 23 Sep 86, article 19i, and the technical guidelines for handling and storage of water endangering liquids (TBRF 3 Sep 1984). On a site visit from the Water Rights Commission in Oct 1988, all facilities storing water endangering liquids were inspected. In the deficiency report, it was noted that all facilities were not in compliance with the water protection laws and an immediate upgrade was					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		
4. PROJECT TITLE HAZARDOUS MATERIAL STORAGE FACILITY	5. PROJECT NUMBER TYFR879008	
<p>requested. This is a notice of violation equivalent. The storage areas do not provide a collection tank to avoid environmental pollution, there are no curbs for containing spilled acids, the ceiling consists of plywood, electrical fixtures are not explosion proof, and the floors are not monolithic or epoxy coated. The facility also has a Fire Safety Deficiency (FSD) code of II. Ventilation and fire suppression systems do not exist in the current facility. The facility is also inadequate in size and configuration. This space is now provisionally heated with a temporary heat unit to avoid freezing large quantities of hazardous materials when temperatures fall below 15 degrees Fahrenheit. Supplies, valued between \$10,000 and \$12,000, have been lost each winter. Due to the lack of space, corrosive items are stored in an open shed, exposed to freezing temperatures, heat and humidity. These extreme conditions have required the expenditure of \$5,000 or more in order to provide for overpacking containers and materials. One facility will be demolished as a result of this project.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Ramstein will continue to be in noncompliance with host nation law which requires the storage of hazardous materials the same as hazardous waste. The materials will continue to be improperly stored in a substandard and undersized facility and in open-air sheds resulting in safety hazards to base personnel and posing potential environmental hazards. A fire hazard will continue to exist and unprotected items will be destroyed by inclement weather resulting in significant monetary losses in materials and supplies.</p> <p><u>ADDITIONAL:</u> This project is not eligible for NATO funding. This type of facility is not within an established NATO infrastructure category for common funding and will most likely continue to be a user responsibility. However, a precautionary prefinancing statement will be submitted to NATO in the event that criteria changes for facilities of this type. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
RAMSTEIN AIR BASE, GERMANY		
4. PROJECT TITLE	5. PROJECT NUMBER	
HAZARDOUS MATERIAL STORAGE FACILITY	TYFR879008	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		86 SEP 01
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		45%
(d) Date 35% Designed.		90 JAN 18
(e) Date Design Complete		94 JUL 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		69
(b) All Other Design Costs		
(c) Total		69
(d) Contract		29
(e) In-house		40
(4) Construction Start		
		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY			4. PROJECT TITLE UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS		
5. PROGRAM ELEMENT 2.74.56U	6. CATEGORY CODE 831-165	7. PROJECT NUMBER TYFR943044	8. PROJECT COST(\$000) 11,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS		LS			8,676
SEWER AND STORM DRAINAGE LINES		LF	72,000	91	(6,552)
SYSTEM APPURTENANCES		LS			(2,124)
SUPPORTING FACILITIES					890
UTILITIES		LS			(345)
PAVEMENTS		LS			(345)
SITE IMPROVEMENTS		LS			(100)
SOIL REMEDIATION		LS			(100)
SUBTOTAL					9,566
CONTINGENCY (10%)					957
TOTAL CONTRACT COST					10,523
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					684
TOTAL REQUEST					11,207
TOTAL REQUEST (ROUNDED)					11,200
10. Description of Proposed Construction: Replace the dual use concrete piping system with two systems to separate the storm drainage system from the sanitary sewer system. Construct retaining/overflow basins, pump stations and oil/water separators. Project includes soil remediation, excavation, and removal and replacement of existing paved surfaces.					
11. REQUIREMENT: 72,000 LF ADEQUATE: 0 SUBSTANDARD: 46,000 LF PROJECT: Upgrade sewage and storm water collection systems. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. It is required by Executive Order 12088 and DoD Directive 6050.16, which call for overseas installations to comply with host nation law or the Overseas Environmental Baseline Guidance Document (OEBGD)/Final Governing Standard (FGS), whichever is more stringent. The OEBGD is more stringent. The average Biochemical Oxygen Demand (BOD) of the Ramstein effluent (82 mg/L) exceeds both host nation (60 mg/L) and OEBGD (30 mg/L) criteria. This project represents the US portion of a joint US, NATO and Federal Republic of Germany (FRG) effort. The US portion separates the storm water and sanitary sewage collection systems; repairs damaged sanitary sewer pipes; and provides storm water collection pipelines, overflow basins and retention areas which corrects the majority of the sewage flow problem. The \$36.6 million NATO portion does similar work to correct the airfield surface runoff problem and the \$9.9 million FRG portion ties the base to the local community's sewage system. CURRENT SITUATION: The combined sewage collection system is 40-years-old, undersized, deteriorated, and has inadequate surface drainage. These conditions have led to significant contamination of the soil in certain areas of the base, including chlorinated hydrocarbons. When it rains,					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
RAMSTEIN AIR BASE, GERMANY		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	TYFR943044	
<p>storm water fills the sanitary sewage collection system through infiltration and broken pipes creating a backflow condition that hinders the flow of raw sewage to the treatment plant. Excess storm water runs uncontrolled across the base and drains into and contaminates four local streams (Hundsbach, Flossbach, Hembach and Morbach). It is a health hazard to the local residents. The continuous run-off into these streams also causes flooding of low-lying runway and taxiway areas.</p> <p><u>IMPACT IF NOT PROVIDED:</u> This system will remain out of compliance with the OEBGD/FGS and host nation law. Effluent from the base will continue to violate standards established under the FRG's federal wastewater quality law (1990 Federal Law Journal, Number 61, Part 1, revised on 6 Nov 90), their water management law (1990 Federal Law Journal, Part 1, revised 12 Feb 90), and the OEBGD/FGS.</p> <p><u>ADDITIONAL:</u> The area serviced by this US project is not eligible for NATO funding. It does represent the US portion of a joint US, NATO and Host Nation effort. NATO is committed to funding their portion of the effort (Decision Sheet 1699). FRG funding for their portion is approved. A preliminary analysis of reasonable options for accomplishing this project(status quo, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
RAMSTEIN AIR BASE, GERMANY		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	TYFR943044	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		87 JUL 10
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		70%
(d) Date 35% Designed.		91 FEB 15
(e) Date Design Complete		94 SEP 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		672
(b) All Other Design Costs		392
(c) Total		1064
(d) Contract		564
(e) In-house		500
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST COST INDEX				
SPANGDAHLEM AIR BASE, GERMANY				UNITED STATES AIR FORCES IN EUROPE			1.54				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		285	3056	131							3,472
b. End FY 1999		328	3926	186				2	3		4,445
7. INVENTORY DATA (\$000)											
a. Total Acreage: (1,365)											
b. Inventory Total As Of: (30 SEP 93) 120,691											
c. Authorization Not Yet In Inventory: 1,920											
d. Authorization Requested In This Program: 9,473											
e. Authorization Included In Following Program: (FY 1996) 8,100											
f. Planned In Next Three Program Years: 24,000											
g. Remaining Deficiency: 0											
h. Grand Total: 164,184											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
740-884	CHILD DEVELOPMENT CENTER	9,300 SF				2,273	JUN 93	AUG 94			
831-165	UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	LS				7,200	OCT 89	DEC 93			
TOTAL:						9,473					
9a. Future Projects: Included in the Following Program (FY 1996)											
721-312	RENOVATE DORMITORY	96 PN				2,350					
721-312	RENOVATE DORMITORY	96 PN				2,350					
842-245	ADD TO AND ALTER WATER STORAGE AND DISTRIBUTION SYSTEM	LS				3,400					
TOTAL:						8,100					
9b. Future Projects: Typical Planned Next Three Years:											
141-753	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	14,400 SF				2,500					
141-783	MOBILITY PROCESSING TERMINAL	21,000 SF				3,250					
442-758	AIRCRAFT PARTS STORAGE FACILITY	60,000 SF				6,400					
721-312	RENOVATE DORMITORY	96 PN				2,350					
721-312	RENOVATE DORMITORY	21,000 SF				2,350					
10. Mission or Major Functions: A fighter wing with three F-16 squadrons and one squadron with A-10 and OA-10 aircraft.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
SPANGDAHLEM AIR BASE, GERMANY			CHILD DEVELOPMENT CENTER		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.75.96U	740-884	VYHK930709	2,273		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
CHILD DEVELOPMENT CENTER	SF	9,300	170	1,581	
SUPPORTING FACILITIES				430	
SITE PREPARATION	LS			(85)	
UTILITIES	LS			(45)	
PAVEMENTS	LS			(300)	
SUBTOTAL				2,011	
CONTINGENCY (5%)				101	
TOTAL CONTRACT COST				2,112	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				137	
TOTAL REQUEST				2,249	
TOTAL REQUEST (ROUNDED)				2,273	
10. Description of Proposed Construction: Reinforced concrete foundation, floor slab, and masonry unit walls with brick exterior finish to match existing facility decor. Supporting electrical, plumbing, mechanical, site preparation, parking, road, utilities, and fire protection.					
11. REQUIREMENT: 29,950 SF ADEQUATE: 7,600 SF SUBSTANDARD: 6,785 SF PROJECT: Construct a child development center. (Current Mission) REQUIREMENT: A properly sized child development center is required to provide supervised care and a developmental experience for dependent children aged six weeks through twelve years. This facility will provide for children up to age six--the most critical shortfall at Spangdahlem. The facility must provide a comfortable, clean educational environment where military service members and DoD civilians can leave their children on an hourly, daily, or drop-in basis without worrying about the level or nature of care. With service members on call for duty continuously, varied shifts and flex-time, it is imperative that they have reliable child care available. CURRENT SITUATION: Average daily attendance is 218 children, while an additional 176 children are on a waiting list. The current child development center is filled to maximum capacity of 80 children and rooms are being used in four different base housing (apartment) basements for 24 Kindergarten and 114 preschool aged children. Child care requirements cannot be met adequately through the use of housing basements. Children attending preschool must be shuffled back and forth on foot for meals and other special activities. Generally, parents object to the exposure of their children to inclement weather and traffic hazards, and feel their children do not receive the full benefit of the developmental programs					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION SPANGDAHLEM AIR BASE, GERMANY		
4. PROJECT TITLE CHILD DEVELOPMENT CENTER	5. PROJECT NUMBER VYHK930709	
<p>offered because of the separation. Because the existing facilities are full, drop-ins are now on a reservation basis, sometimes two weeks in advance. Also, this situation cannot support additional children or changes in the mandated DoD instructor to child ratios. The people on the waiting list currently rely on the local communities for their child care, which is generally unlicensed and more expensive. Financial hardship and scheduling difficulties are common, since local off-base care providers' hours may not be consistent with shift or long working hours.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without adequate child care for the dependents of active duty military and DoD civilians at Spangdahlem, morale and readiness will decline. Parents that have the extra burden of worrying about the care of their children simply will not operate as effectively as those who know their families are well cared for. Families will continue to be forced to use expensive child care programs or place children in unlicensed care in the local communities.</p> <p><u>ADDITIONAL:</u> This project is not eligible for NATO funding. This type of facility is not within an established NATO infrastructure category for common funding and will most likely continue to be a user responsibility. However, a precautionary prefinancing statement will be submitted to NATO in the event that the criteria changes for facilities of this type. An economic analysis has been prepared comparing alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost-effective over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SPANGDAHLEM AIR BASE, GERMANY		
4. PROJECT TITLE	5. PROJECT NUMBER	
CHILD DEVELOPMENT CENTER	VYHK930709	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 04
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		94 JAN 15
(e) Date Design Complete		94 AUG 01
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		RAMSTEIN
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		136
(b) All Other Design Costs		
(c) Total		136
(d) Contract		100
(e) In-house		36
(4) Construction Start		
		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION SPANGDAHLEM AIR BASE, GERMANY			4. PROJECT TITLE UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS		
5. PROGRAM ELEMENT 2.74.56U	6. CATEGORY CODE 831-165	7. PROJECT NUMBER VYHK903004	8. PROJECT COST(\$000) 7,200		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	LS	50,000	90	5,300	
SEWER AND STORM DRAINAGE LINES	LF			(4,500)	
SYSTEM APPURTENANCES	LS			(800)	
SUPPORTING FACILITIES				810	
UTILITIES	LS			(150)	
PAVEMENTS	LS			(160)	
SITE IMPROVEMENTS	LS			(200)	
SOIL REMEDIATION	LS			(300)	
SUBTOTAL				6,110	
CONTINGENCY (10%)				611	
TOTAL CONTRACT COST				6,721	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				437	
TOTAL REQUEST				7,158	
TOTAL REQUEST (ROUNDED)				7,200	
10. Description of Proposed Construction: Alter, enlarge, and upgrade storm system. Install separate sanitary sewage collection system. Separate combined storm/sewer system in industrial areas. Construct storm-water collection basin. Install metering manholes at wastewater treatment plant. Project includes trenching, backfill, seeding, street repairs, soil remediation, all utility connections and necessary support.					
11. REQUIREMENT: 55,000 LF ADEQUATE: 5,000 LF SUBSTANDARD: 50,000 LF PROJECT: Upgrade sewage and storm water collection systems. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. It is required by Executive Order 12088 and DoD Directive 6050.16, which call for overseas installations to comply with host nation law or the Overseas Environmental Baseline Guidance Document (OEBGD)/Final Governing Standards (FGS), whichever is more stringent. The host nation wastewater quality law (Abwasserabgabengesetz-AbwAG) and water management law (Wasserhaushaltsgesetz-WHG) are more stringent and require that no effluent be allowed to flow untreated into surface water. This project represents the US share of a \$30.5 million joint NATO, Federal Republic of Germany (FRG), and US program to correct deficiencies in the storm water and sanitary sewage collection and treatment system at Spangdahlem Air Base. The US, stand alone portion, separates the storm water and sanitary sewage collection systems; it will reduce the load at the existing treatment plant and eliminate the bypassing of raw sewage directly into a local stream during heavy rainfall. CURRENT SITUATION: Excess load caused by storm run-off and pipe infiltration causes the system to overflow and bypass the wastewater treatment plant, spilling untreated raw sewage directly into the Kyll					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SPANGDAHLEM AIR BASE, GERMANY		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	VYHK903004	
<p>River and irrigation systems of neighboring communities. These incidents cause contamination of the river resulting in violation of host nation law. Additionally, it is a health hazard to the local residents. The existing sanitary/storm sewage system is a combined system designed for loads up to 400,000 gallons per day (GPD), and is over 40 years old. Recent study showed that the system handles 390,000 GPD on a normal "dry day" and up to 1,500,000 GPD whenever the base experiences measurable rainfall (typically two to three times per week during the rainy season between April and October). On average, the plant operates in the bypass mode 4 hours per day.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The existing sewage collection system will remain out of compliance with both the OEBGD/FGS and host nation law. When it rains, raw sewage will continue to bypass the sewage treatment plant and flow untreated into the Kyll River and irrigation systems for fields surrounding the local community in violation of FRG environmental law.</p> <p><u>ADDITIONAL:</u> The area serviced by this US project is not eligible for NATO funding. It does represent the US portion of a joint US, NATO and FRG effort. The US portion is a stand alone project and is not contingent upon the NATO and FRG funding. The FRG portion of this effort has been approved for funding. A preliminary analysis of reasonable options for accomplishing this project (status quo, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SPANGDAHLEM AIR BASE, GERMANY		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SEWAGE AND STORM WATER COLLECTION SYSTEMS	VYHK903004	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	89 OCT 13	
(b) Parametric Cost Estimates used to develop costs	N	
(c) Percent Complete as of Jan 1994	100%	
(d) Date 35% Designed.	92 JUN 09	
(e) Date Design Complete	93 DEC 20	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	274	
(b) All Other Design Costs		
(c) Total	274	
(d) Contract	217	
(e) In-house	57	
(4) Construction Start		
	94 DEC	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION		4. COMMAND						5. AREA CONST COST INDEX			
THULE AIR BASE, GREENLAND		AIR FORCE SPACE COMMAND						2.48			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		20	109	3							132
b. End FY 1999		20	109	4							133
7. INVENTORY DATA (\$000)											
a. Total Acreage: (234,022)											
b. Inventory Total As Of: (30 SEP 93) 399,020											
c. Authorization Not Yet In Inventory: 12,700											
d. Authorization Requested In This Program: 2,450											
e. Authorization Included In Following Program: (FY 1996) 7,600											
f. Planned In Next Three Program Years: 13,900											
g. Remaining Deficiency: 0											
h. Grand Total: 435,670											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
<u>CODE</u>						<u>START</u>		<u>CMPL</u>			
179-511		FIRE TRAINING FACILITY		LS		2,450		SEP 93		JUL 94	
				TOTAL:		2,450					
9a. Future Projects: Included in the Following Program (FY 1996)											
721-312		ALTER DORMITORY		27,120 SF		7,600					
				TOTAL:		7,600					
9b. Future Projects: Typical Planned Next Three Years:											
721-315		DORMITORY		150 PN		8,600					
833-354		SOLID WASTE DISPOSAL FACILITY		12,000 SF		5,300					
10. Mission or Major Functions: A space warning squadron and a satellite tracking detachment.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										5,300	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
THULE AIR BASE, GREENLAND			FIRE TRAINING FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
3.58.56	179-511	WWCX953003	2,450		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FIRE TRAINING FACILITY	LS			1,800	
SUPPORTING FACILITIES				405	
UTILITIES	LS			(150)	
FUEL STORAGE TANK	LS			(75)	
SITE PREPARATION	LS			(75)	
SPECIAL SLAB INSULATION	LS			(105)	
SUBTOTAL				2,205	
CONTINGENCY (5%)				110	
TOTAL CONTRACT COST				2,315	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				150	
TOTAL REQUEST				2,465	
TOTAL REQUEST (ROUNDED)				2,450	
10. Description of Proposed Construction: Fire Training Facility (FTF) to include a 100 ft. dia. lined, environmentally acceptable, training pit with a large frame aircraft simulator; 1000 gal. tank (for LPG); 500 gal. tank (for JP-4); a fuel/water separator; a line effluent holding pond; and fuel and water pumps & piping systems. Includes concrete slab with special high heat resistance and reinforcing to meet arctic requirements.					
11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA PROJECT: Construct a fire training facility. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. Live fire training is a quarterly requirement established by the FAA to maintain a high level of proficiency for fire fighters. In order to meet the quarterly training requirement, a fire training facility which meets the standards governing environmental protection at US installations is needed. To comply with the "Final Governing Standards" applicable to DoD installations in Greenland, an impermeable liner below the burn area, an oil/water separator, and a nondischarging effluent holding pond to prevent soil and groundwater contamination is required. In addition, a specially insulated pit is needed to preclude any melting of the permafrost which, in turn, will insure there is no settling of the pit. CURRENT SITUATION: The condition of the existing fire training facility is inadequate, and the proficiency of our personnel in aircraft crash fire fighting is being diminished. The fire training operations, using the existing aircraft mock-up, are contaminating the surrounding soil. Contamination has been contained within a relatively small area due to the permafrost; however, continued use of the existing live-fire training facility violates the standards governing environmental protection for US installations in Greenland. In addition, there is no oil/water separator					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION THULE AIR BASE, GREENLAND		
4. PROJECT TITLE FIRE TRAINING FACILITY	5. PROJECT NUMBER WWCX953003	
<p>to separate water mixed with foaming agents and unburned fuels. The existing structure does not meet Air Force standards for live-fire training with the aircraft mock-up. Thule has a variety of aircraft, ranging from military fighters (training) to large transport (resupply) and numerous commercial aircraft (primarily Danish). During the 9-month-long winter season, air traffic provides the only area access in or out, and fire training of aircraft crash and rescue personnel is essential.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The required live-fire training for the assigned fire fighters would continue to be inadequate; and the proficiency of our personnel in aircraft crash fire fighting would continue to diminish. Without the stress and realism which come only with live fires, the fire fighters lose proficiency in combating fires, and the potential for loss of life and aircraft is increased. Fire training operations using the existing aircraft mock-up would continue to contaminate the surrounding soil. The facility would continue to be out of compliance with the standards governing environmental protection at US installations in Greenland.</p> <p><u>ADDITIONAL:</u> There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide", or AFM 86-2, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet mission requirements; therefore, no economic analysis was needed or performed. A Certificate of Exception to Economic Analysis has been prepared. Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
AIR FORCE			
3. INSTALLATION AND LOCATION			
THULE AIR BASE, GREENLAND			
4. PROJECT TITLE		5. PROJECT NUMBER	
FIRE TRAINING FACILITY		WWCX953003	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started		93 SEP 09	
(b) Parametric Cost Estimates used to develop costs		Y	
(c) Percent Complete as of Jan 1994		45%	
(d) Date 35% Designed.		93 DEC 30	
(e) Date Design Complete		94 JUL 30	
(2) Basis:			
(a) Standard or Definitive Design -		YES	
(b) Where Design Was Most Recently Used -		TYNDALL	
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			130
(b) All Other Design Costs			174
(c) Total			304
(d) Contract			234
(e) In-house			70
(4) Construction Start			94 OCT
b. Equipment associated with this project will be provided from other appropriations: N/A			

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST			
ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM				UNITED STATES AIR FORCES IN EUROPE				COST INDEX 1.40			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		462	2894	205				1	5		3,567
b. End FY 1999		501	3872	225				2	7		4,607
7. INVENTORY DATA (\$000)											
a. Total Acreage: (2,340)											
b. Inventory Total As Of: (30 SEP 93) 160,084											
c. Authorization Not Yet In Inventory: 3,600											
d. Authorization Requested In This Program: 7,100											
e. Authorization Included In Following Program: (FY 1996) 10,850											
f. Planned In Next Three Program Years: 23,500											
g. Remaining Deficiency: 0											
h. Grand Total: 205,134											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMP	
216-642	F-15E ADD TO MUNITIONS MAINTENANCE FACILITY			3,200 SF		850		APR 93		AUG 94	
721-312	ADD TO AND ALTER DORMITORY			158 PN		3,700		APR 93		JUL 94	
871-183	UPGRADE STORM DRAINAGE SYSTEM			20,000 LF		2,550		AUG 93		AUG 94	
TOTAL:						7,100					
9a. Future Projects: Included in the Following Program (FY 1996)											
211-157	ADD TO JET ENGINE SHOP			16,200 SF		2,900					
721-312	ADD TO AND ALTER DORMITORY			156 PN		3,800					
842-245	ADD TO AND ALTER WATER DISTRIBUTION MAINS			LS		4,150					
TOTAL:						10,850					
9b. Future Projects: Typical Planned Next Three Years:											
121-111	CONSTRUCT BASE FUELS COMPLEX			8,000 SF		1,500					
141-753	ADD TO AND ALTER MAINTENANCE FACILITY			11,000 SF		1,100					
610-128	CONSOLIDATED SUPPORT CENTER			54,000 SF		7,500					
610-128	COMBAT READINESS CENTER			25,000 SF		3,700					
721-312	ADD TO AND ALTER DORMITORY			162 PN		3,800					
10. Mission or Major Functions: A fighter wing with two F-15 squadrons and an Air Force regional hospital.											
11. Outstanding pollution and safety (OSH) deficiencies:											
a. Air pollution:										0	
b. Water pollution:										0	
c. Occupational safety and health:										0	
d. Other Environmental:										0	

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM			4. PROJECT TITLE ADD TO AND ALTER DORMITORY		
5. PROGRAM ELEMENT 2.75.96U	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MSET923000	8. PROJECT COST(\$000) 3,700		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
ADD TO AND ALTER DORMITORY (158 PN)	SF	28,500		2,718	
ADDITION (EXTERIOR ENTRANCES)	SF	3,000	56	(168)	
ALTERATION	SF	25,500	100	(2,550)	
SUPPORTING FACILITIES				560	
UTILITIES	LS			(195)	
PAVEMENTS	LS			(195)	
SITE IMPROVEMENTS	LS			(85)	
COMMUNICATIONS	LS			(85)	
SUBTOTAL				3,278	
CONTINGENCY (10%)				328	
TOTAL CONTRACT COST				3,606	
SUPERVISION, INSPECTION AND OVERHEAD (2.5%)				90	
TOTAL REQUEST				3,696	
TOTAL REQUEST (ROUNDED)				3,700	
10. Description of Proposed Construction: Provide room-bath-room configuration, exterior entrances, areas for recreation, laundry, and storage. Project includes sound attenuation, insulation and other energy conservation features, fire protection, all utilities, necessary support, site work and exterior public areas. Grade Mix: 158 E1-E4.					
11. REQUIREMENT: 2,340 PN ADEQUATE: 1,018 PN SUBSTANDARD: 1,179 PN PROJECT: Add to and alter dormitory. (Current Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform overseas. CURRENT SITUATION: RAF Lakenheath has the oldest dormitories in USAFE's inventory; this dormitory was constructed in 1964. This dormitory has central gang latrines and less than adequate space for laundry, recreation, and storage. The infrastructure of the dormitory consists of inadequate individual heat controls, insufficient insulation and noise attenuation. Maintenance and repair costs for maintaining the infrastructure are out of balance when compared to similar modern facilities. Heating costs for this facility are excessive due to lack of individual heating controls and poor insulation. Occupants must regulate heating through opening of windows during all times of the year to suit individual preferences. The majority of unaccompanied enlisted personnel assigned to RAF Lakenheath live in these dormitories which do not meet current Air Force standards, or they are forced to live in off-base					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM		
4. PROJECT TITLE ADD TO AND ALTER DORMITORY	5. PROJECT NUMBER MSET923000	
<p>quarters costing more than they can afford. The current average occupancy rate is 93 percent. Approximately 178 junior enlisted personnel struggle to afford off-base apartments. Enlisted personnel must use "out of pocket" funds, above their basic allowance for quarters (BAQ), or live in substandard accommodations.</p> <p><u>IMPACT IF NOT PROVIDED:</u> RAF Lakenheath will continue to fail in meeting the minimum Air Force standards for dormitory living. The dormitory will require an excessive amount of maintenance and repair funds to ensure the infrastructure is adequately serviced. Heating costs will be inordinate due to poor heating controls and insulation. Junior enlisted personnel will continue to be housed in substandard dormitories which degrades morale, career satisfaction and productivity.</p> <p><u>ADDITIONAL:</u> This project is not eligible for NATO funding. This type of facility is not within an established NATO infrastructure category for common funding and will most likely continue to be a user responsibility. However, a precautionary prefinancing statement will be submitted to NATO in the event the criteria changes for facilities of this type. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present value and benefits of the respective alternatives, revitalization was found to be the most cost-effective over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM		
4. PROJECT TITLE	5. PROJECT NUMBER	
ADD TO AND ALTER DORMITORY	MSET923000	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 26
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		50%
(d) Date 35% Designed.		93 JUL 15
(e) Date Design Complete		94 JUL 31
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		LAKENHEA
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		185
(b) All Other Design Costs		
(c) Total		185
(d) Contract		185
(e) In-house		
(4) Construction Start		
		95 MAR
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM			4. PROJECT TITLE UPGRADE STORM DRAINAGE SYSTEM		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
2.74.56U	871-183	MSET879005	2,550		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE STORM DRAINAGE SYSTEM	LF	20,000	77	1,540	
SUPPORTING FACILITIES				830	
UTILITIES	LS			(535)	
PAVEMENTS	LS			(75)	
SITE IMPROVEMENTS	LS			(70)	
SOIL REMEDIATION	LS			(150)	
SUBTOTAL				2,370	
CONTINGENCY (5%)				119	
TOTAL CONTRACT COST				2,489	
SUPERVISION, INSPECTION AND OVERHEAD (2.5%)				62	
TOTAL REQUEST				2,551	
TOTAL REQUEST (ROUNDED)				2,550	
10. Description of Proposed Construction: Replace open surface collection system with new concrete piping storm water collection system. Includes drop inlets, manholes, oil/water separators, excavation, soil remediation, grading, repair of paved surfaces removed for road crossings during installation, repair, and replacement of the storm drainage system. Remove existing leach fields in the aquifer protection zone.					
11. REQUIREMENT: 252,763 LF ADEQUATE: 232,763 LF SUBSTANDARD: 20,000 LF PROJECT: Upgrade storm drainage system. (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. It is required by Executive Order 12088 and DoD Directive 6050.16, which calls for overseas installations to comply with host nation law or the Overseas Environmental Baseline Guidance Document (OEBGD)/Final Governing Standard (FGS), whichever is more stringent. The host nation Water Resources Act and the Water Act are more stringent and require that areas of potential pollution to ground water be protected from pollutants. This project represents the US share of a joint US-NATO program to correct deficiencies in the storm drainage system. The US stand-alone portion ensures all surface waters, within the aquifer protection zones, will pass through an oil/water separator into a surface water discharge point. The zones are registered with the National Rivers Authority and include aircraft movement areas, workshop areas, POL storage, and heavy vehicle parking areas. This project allows proper drainage from pavements and ensures proper segregation of pollutants that may contaminate the soil. CURRENT SITUATION: Vehicle parking areas within the aquifer protection zone do not have storm drainage systems. Storm water is being discharged to leach fields and, in some cases, directly into the ground. The fuel					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM		
4. PROJECT TITLE UPGRADE STORM DRAINAGE SYSTEM	5. PROJECT NUMBER MSET879005	
<p>truck parking compound is within the aquifer protection zone and has no protection in the event of a spill. The surface water drains directly into the soil and ultimately comes in contact with the ground water. Both of these situations result in soil contamination and ground water pollution. Flooding is a problem near three maintenance hangars because none have surface water drainage systems. As an interim solution, one hangar has installed sandbags around the facility to prevent water from coming in the shop. Flooding is a frequent problem (3-5 times a month during rainy season). The hangar areas will be connected to the base system with this project. Additionally, three leach fields must be removed and the drainage tied into the base storm drainage system.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The existing storm drainage system will remain out of compliance with the OEBGD/FGS and host nation law. Noncompliance risks contaminating the aquifer from which the base and local communities obtain drinking water. There is the potential for the UK government to fine and take legal action against the host base RAF Commander if we continue to be in noncompliance. Isolated flooding will continue to occur, causing delays in maintenance and risking damage to valuable USAF assets.</p> <p><u>ADDITIONAL:</u> The area serviced by this US project is not eligible for NATO funding. It does represent the US portion of a joint US-NATO project. The US portion is a stand alone project and is not contingent upon the NATO funding. The NATO portion will be proposed for inclusion into the next NATO Infrastructure Capability Package (ICP). A preliminary analysis of reasonable options for accomplishing this project (status quo, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE SYSTEM	MSET879005	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 AUG 13	
(b) Parametric Cost Estimates used to develop costs	Y	
(c) Percent Complete as of Jan 1994	35%	
(d) Date 35% Designed.	94 JAN 15	
(e) Date Design Complete	94 AUG 31	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	128	
(b) All Other Design Costs		
(c) Total	128	
(d) Contract	128	
(e) In-house		
(4) Construction Start	95 MAR	
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)					2. DATE			
AIR FORCE										
3. INSTALLATION AND LOCATION					4. COMMAND			5. AREA CONST COST INDEX		
VARIOUS LOCATIONS								0.00		
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED		
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
a. As of										
b. End FY										
7. INVENTORY DATA (\$000)										
a. Total Acreage: ()										
b. Inventory Total As Of: (30 SEP 92)										
c. Authorization Not Yet In Inventory:										
d. Authorization Requested In This Program:										
e. Authorization Included In Following Program: (FY 1996)										
f. Planned In Next Three Program Years:										
g. Remaining Deficiency:										
h. Grand Total:										
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995										
CATEGORY		PROJECT TITLE			SCOPE		COST	DESIGN STATUS		
CODE							(\$000)	START	CMPL	
010-211		PLANNING & DESIGN				LS	49,386			

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
VARIOUS LOCATIONS			PLANNING AND DESIGN		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
9.12.11D	010-211	PAYZ953014	49,386		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN		LS			49,386
SUBTOTAL					49,386
TOTAL CONTRACT COST					49,386
TOTAL REQUEST					49,386
TOTAL REQUEST (ROUNDED)					49,386
10. Description of Proposed Construction: The funds requested will be used to provide financing for architectural and engineering services and construction design for Air Force Military Construction Programs.					
11. REQUIREMENT: As required. REQUIREMENT: These planning and design funds are required to complete the design of facilities in the FY 96 Military Construction Program, initiate design of facilities in the FY 97 Military Construction Program and accomplish planning and design for major and complex technical projects with a long lead-time to be included in subsequent Military Construction Programs. Also provides funds for value engineering and for the support of construction management activities of projects that are funded by foreign governments and for design of classified and special programs.					

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)					2. DATE				
AIR FORCE											
3. INSTALLATION AND LOCATION					4. COMMAND		5. AREA CONST COST INDEX 0.00				
VARIOUS LOCATIONS											
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of											
b. End FY											
7. INVENTORY DATA (\$000)											
a. Total Acreage: ()											
b. Inventory Total As Of: (30 SEP 92)											
c. Authorization Not Yet In Inventory:											
d. Authorization Requested In This Program:											
e. Authorization Included In Following Program: (FY 1996)											
f. Planned In Next Three Program Years:											
g. Remaining Deficiency:											
h. Grand Total:											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
010-211	UNSPECIFIED MINOR CONSTRUCTION	LS				7,000					

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
VARIOUS LOCATIONS			UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
9.12.11M	010-211	PAYZ924015C	7,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION		LS			7,000
SUBTOTAL					7,000
TOTAL CONTRACT COST					7,000
TOTAL REQUEST					7,000
TOTAL REQUEST (ROUNDED)					7,000
10. Description of Proposed Construction: Provide a lump sum amount for unspecified construction projects, not otherwise authorized by law, having a funded cost between \$300,000 and \$1,500,000, including construction, alteration or conversion of permanent or temporary facilities, in accordance with 10 USC 2805.					
11. REQUIREMENT: As required. <u>REQUIREMENT:</u> This package provides the means of accomplishing urgent projects that are not identified but which are anticipated to arise during FY 95. Included would be projects to support new mission requirements, support of new equipment and concepts and other essential support to Air Force missions and functions that could not wait until availability of FY 96 Military Construction Program funds. 10 USC 2805 provides authority to the Secretaries of the military departments to accomplish projects of this nature.					

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
VARIOUS			PROJECTS \$1 MILLION AND UNDER		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
10. Description of Porposed Construction: Following are individual justification paragraphs for all projects \$1 million and under.					
<p style="text-align: center;">VARIOUS LOCATIONS - WITHIN THE UNITED STATES VARIOUS LOCATIONS - OUTSIDE THE UNITED STATES</p>					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VARIOUS LOCATIONS - WITHIN THE UNITED STATES		
4. PROJECT TITLE	5. PROJECT NUMBER	
PROJECTS \$1 MILLION AND UNDER		

<u>STATE AND LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>
<u>KANSAS</u>		
MCCONNELL AFB (AMC) PRQE962500 871-183	UPGRADE STORM DRAINAGE FACILITIES	500

Upgrade storm drainage facilities. (Current Mission) This is a Level II environmental compliance requirement. This project is required to satisfy the Clean Water Act requirement under 40 CFR 122 for storm water discharge. The storm water permit was issued 1 Oct 93. The base is required to be in compliance with their National Pollutant Discharge Elimination System (NPDES) permit by Oct 96. The base is required to certify that non-storm water discharges are not connected to the storm drainage system. Corrective actions are required to eliminate sources of pollutants to storm drains. Presently, the base does not have adequate storm water control measures for the industrial areas of the base. There are no control structures to prevent storm water runoff from industrial areas of the base from entering the surface waters off base. Additionally, non-storm water discharges (process water and sanitary wastewater) are connected to the storm drainage system. These existing cross-connections will not be allowed by the NPDES permit. McConnell AFB will be out of compliance with their NPDES permit. The continuous violation of storm water regulations have the potential for fines up to \$25,000 per day per violation and could create adverse publicity. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements."

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MCCONNELL AIR FORCE BASE, KANSAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE STORM DRAINAGE FACILITIES	PRQE962500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 SEP 23
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 DEC 20
(e) Date Design Complete		94 AUG 12
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		30
(b) All Other Design Costs		55
(c) Total		85
(d) Contract		
(e) In-house		85
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VARIOUS LOCATIONS - WITHIN THE UNITED STATES		
4. PROJECT TITLE	5. PROJECT NUMBER	
PROJECTS \$1 MILLION AND UNDER		
<u>STATE AND LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>
<u>MISSISSIPPI</u>		
KEESLER AFB (ATC) MAHG953009 880-232	UPGRADE FIRE SUPPRESSION SYSTEM	640
<p>Upgrade hangar fire suppression system. (New Mission) Air Force standards require an AFFF system be provided in hangar spaces used for maintenance operations on aircraft. An existing facility is available at the installation to support the new C-21 mission, but requires a fire suppression system be installed for it to be a complete and usable facility for the C-21 mission. There are no other adequate facilities available on the installation to support this new requirement. Adequate hangar space will not be available for the beddown of the C-21 mission. A fire protection waiver for the C-21 aircraft will be required until a AFFF system is installed in the facility. Maintenance operations will be more difficult to perform because of work limitations imposed by the waiver. The aircraft will also be in operation at a higher risk of damage or destruction because the appropriate fire suppression system will not be available for use in the facility. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". This project has been considered for FY 98 force structure end strength.</p>		

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE																																
3. INSTALLATION AND LOCATION KEESLER AIR FORCE BASE, MISSISSIPPI																																		
4. PROJECT TITLE UPGRADE FIRE SUPPRESSION SYSTEM	5. PROJECT NUMBER MAHG953009																																	
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <table border="0"> <tr> <td colspan="2">(1) Status:</td> </tr> <tr> <td>(a) Date Design Started</td> <td>93 JUL 30</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>Y</td> </tr> <tr> <td>(c) Percent Complete as of Jan 1994</td> <td>15%</td> </tr> <tr> <td>(d) Date 35% Designed.</td> <td>94 MAR 15</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>94 SEP 20</td> </tr> <tr> <td colspan="2">(2) Basis:</td> </tr> <tr> <td>(a) Standard or Definitive Design -</td> <td>NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td>N/A</td> </tr> <tr> <td>(3) Total Cost (c) = (a) + (b) or (d) + (e):</td> <td>(\$000)</td> </tr> <tr> <td>(a) Production of Plans and Specifications</td> <td>35</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>45</td> </tr> <tr> <td>(c) Total</td> <td>80</td> </tr> <tr> <td>(d) Contract</td> <td>45</td> </tr> <tr> <td>(e) In-house</td> <td>35</td> </tr> <tr> <td>(4) Construction Start</td> <td>95 JAN</td> </tr> </table> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(1) Status:		(a) Date Design Started	93 JUL 30	(b) Parametric Cost Estimates used to develop costs	Y	(c) Percent Complete as of Jan 1994	15%	(d) Date 35% Designed.	94 MAR 15	(e) Date Design Complete	94 SEP 20	(2) Basis:		(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -	N/A	(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)	(a) Production of Plans and Specifications	35	(b) All Other Design Costs	45	(c) Total	80	(d) Contract	45	(e) In-house	35	(4) Construction Start	95 JAN
(1) Status:																																		
(a) Date Design Started	93 JUL 30																																	
(b) Parametric Cost Estimates used to develop costs	Y																																	
(c) Percent Complete as of Jan 1994	15%																																	
(d) Date 35% Designed.	94 MAR 15																																	
(e) Date Design Complete	94 SEP 20																																	
(2) Basis:																																		
(a) Standard or Definitive Design -	NO																																	
(b) Where Design Was Most Recently Used -	N/A																																	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)																																	
(a) Production of Plans and Specifications	35																																	
(b) All Other Design Costs	45																																	
(c) Total	80																																	
(d) Contract	45																																	
(e) In-house	35																																	
(4) Construction Start	95 JAN																																	

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		

3. INSTALLATION AND LOCATION
VARIOUS LOCATIONS - WITHIN THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
PROJECTS \$1 MILLION AND UNDER	

<u>STATE AND LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>
<u>NEBRASKA</u>		
OFFUTT AFB (ACC) SGBP9609C? 411-135	UNDERGROUND FUEL STORAGE TANKS	760
<p>Remove, replace or upgrade underground fuel storage tanks. (Current Mission) This is a Level II environmental compliance requirement. Upgrade all underground storage tanks (USTs) regulated by 40 CFR 280 to new standards by Dec 1998. The Environmental Protection Agency (EPA) has set standards that require all regulated underground storage tanks to have leak detection, corrosion protection, and spill/overfill prevention systems. If USTs are to be replaced, Air Force policy is to replace them with aboveground tanks or to relocate them into underground vaults wherever possible. However, existing underground petroleum product storage tanks which are in good condition and may be upgraded in-place must be brought into compliance with applicable UST standards. Underground storage tanks at Offutt AFB do not meet federal law (40 CFR 280.21) and state requirements for cathodic protection, leak detection monitoring and spill/overfill protection. Replacement of ten tanks ranging from 300 to 1,000 gallons, and the upgrade of four tanks, ranging from 2,000 to 25,000 gallons, are required to assure environmental compliance. Failure to replace these tanks at Offutt AFB will result in an unacceptable risk of pollution. Additionally, Offutt AFB will not be in compliance with federal and state environmental requirements thereby subjecting the base to enforcement action and monetary penalties. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
OFFUTT AIR FORCE BASE, NEBRASKA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNDERGROUND FUEL STORAGE TANKS	SGBP960902	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 JUN 14
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 DEC 20
(e) Date Design Complete		94 MAR 17
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		45
(b) All Other Design Costs		58
(c) Total		103
(d) Contract		
(e) In-house		103
(4) Construction Start		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VARIOUS LOCATIONS - WITHIN THE UNITED STATES		
4. PROJECT TITLE	5. PROJECT NUMBER	
PROJECTS \$1 MILLION AND UNDER		
<u>STATE AND LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>
<u>OKLAHOMA</u>		
VANCE AFB (ATC) XTLF933301 179-511	FIRE TRAINING FACILITY	980
<p>Construct a fire training facility. (Current Mission) This is a Level I environmental compliance requirement. The existing fire training pit does not meet the Clean Water Act (CWA) requirements (40 CFR 122.26). Construct a fire training facility (FTF) which meets CWA, Clean Air Act and Resource Conservation and Recovery Act (RCRA) requirements as applicable. Provide an impermeable liner below the burn area, fuel/water separator, and a nondischarging effluent holding pond to prevent contamination of soil and groundwater. Live fire training is an FAA established quarterly training requirement for the fire fighters to maintain a high level of proficiency. It is Air Force policy to have a fire training facility on every major Air Force installation to meet fire training requirements, which complies with all applicable environmental requirements. The existing facility does not meet the CWA requirements and has been closed since 1 May 93. Training is currently not conducted. The existing site is currently designated as an Installation Restoration Program (IRP) site and is undergoing remedial investigation funded by Defense Environmental Restoration Account (DERA). Fire fighters will not remain proficient in aircraft crash fire fighting and rescue techniques. The safety of both the firefighters and the accident victims will be compromised. TDY training is not feasible due to the funded level of manning and mission support requirements. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Project has been considered for FY98 force structure end strength.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANCE AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
FIRE TRAINING FACILITY	XTLF933301	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 FEB 16
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 OCT 01
(e) Date Design Complete		94 JUN 01
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		LUKE
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		58
(b) All Other Design Costs		36
(c) Total		94
(d) Contract		64
(e) In-house		30
(4) Construction Start		94 DEC
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VARIOUS LOCATIONS - WITHIN THE UNITED STATES		
4. PROJECT TITLE	5. PROJECT NUMBER	
PROJECTS \$1 MILLION AND UNDER		
<u>STATE AND LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>
<u>CLASSIFIED LOCATION</u>		
CLASSIFIED F (ACC) HTAC943045 452-252	WAR READINESS MATERIEL OPEN STORAGE FACILITY	650
<p>Construct a war readiness materiel (WRM) open storage facility. (New Mission) Open storage facilities are required for prepositioning and long-term storage of durable WRM assets. These assets must be ready for use by US Central Command forces. This project supports USCENTCOM/host nation agreements. Other facilities in the host country are unavailable for WRM storage requirements. WRM assets moved into the region during Operation DESERT SHIELD/DESERT STORM must either be stored in country or returned to the CONUS. CONUS storage and roundtrip transportation will exceed storage cost in the host country. The round trip transportation cost to move this equipment between the United States and the Southwest Asia region is nearly \$2.0 million. Under present conditions, the prepositioned equipment is not secured to the level required for valuable war fighting assets. Adequate facilities will not be available for storage of assets required to support US Central Command contingency operations in the Persian Gulf area. Without adequate storage facilities, equipment will not be adequately secured. If equipment is returned to the CONUS for storage, it would have to be retransported to the operational area for contingency situations increasing transportation demands and slowing mobility time. Readiness would be degraded. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CLASSIFIED LOCATION		
4. PROJECT TITLE	5. PROJECT NUMBER	
WAR READINESS MATERIEL OPEN STORAGE FACILITY	HTAC943045	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		92 MAY 25
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		60%
(d) Date 35% Designed.		93 FEB 30
(e) Date Design Complete		94 MAY 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		39
(b) All Other Design Costs		39
(c) Total		78
(d) Contract		
(e) In-house		78
(4) Construction Start		
		95 JAN
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VARIOUS LOCATIONS - OUTSIDE THE UNITED STATES		
4. PROJECT TITLE	5. PROJECT NUMBER	
PROJECTS \$1 MILLION AND UNDER		

<u>COUNTRY AND LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>
<u>UNITED KINGDOM</u>		
RAF LAKENHEATH (AFE) MSET930104 216-642	F-15E ADD TO MUNITIONS MAINTENANCE FACILITY	850

F-15E add to munitions maintenance facility. (New Mission) Facility to support assembly, maintenance and inspection of live munitions, components and containers for the F-15E aircraft. Armaments include 20mm cannon rounds, air-to-air missiles, iron bombs, guided bomb units (GBUs) and glide munitions. The existing facility was constructed to support the F-111 aircraft which deploys with only one type of weapons system. The facility contains one bay to inspect and service the weapons used on this aircraft when generating missions. The F-111 was replaced by the F-15E which can be configured to carry four different precision guided munition (PGM) weapon systems plus a 20mm cannon. DoD and USAF explosive safety regulations dictate physical separation when servicing different types of munitions. With only one bay, RAF Lakenheath cannot safely service all possible configurations of munitions the F-15E needs to carry unless it is done one munitions system at a time. This method of operation reduces mission capability by 50 percent or more. The site activation task force surveyed all facilities at RAF Lakenheath and determined the only solution was this addition. The current munitions maintenance shop is required to support loading of universal ammunition loaders (UAL) with 20mm munitions, and build up of PGM for the F-15E. Being a single bay facility, each time a new weapon is required the entire bay configuration and equipment must be changed out. This can take up to four hours, tremendously reducing productivity. The additional bay will house the pull-through 20mm munitions maintenance operations and test equipment. The existing bay will be used for maintenance of PGMs and glide bombs while other maintenance facilities on base will be used for conventional and non-conventional missile maintenance. Unsafe munitions operations. In an actual contingency situation the munitions maintenance shop will have to service several different munitions at the same time and in the same area if this addition is not built. This increases the risk of injury and damage to people and equipment should there be an explosion or fire. Without this addition, sortie generation rates will be reduced. The time required to prepare 48 aircraft will reduce the wing's ability to generate mission capable aircraft to support tasking orders. Spare parts and equipment will have to be stored at a location geographically separated from the maintenance area causing additional delays in munition generation. This facility supports the SECDEF directed beddown of the F-15E aircraft. This project is not eligible for NATO funding. The NATO 6th Edition criteria for munitions maintenance facilities servicing two or

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VARIOUS LOCATIONS - OUTSIDE THE UNITED STATES		
4. PROJECT TITLE	5. PROJECT NUMBER	
PROJECTS \$1 MILLION AND UNDER		
<u>COUNTRY AND LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>
<p>more munitions indicate bases are allotted up to 1900 SF; to date NATO has provided 2200 SF at RAF Lakenheath. A precautionary prefinancing statement will be submitted to NATO in the event that the criteria changes for facilities of this type. All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM		
4. PROJECT TITLE	5. PROJECT NUMBER	
F-15E ADD TO MUNITIONS MAINTENANCE FACILITY	MSET930104	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 28
(b) Parametric Cost Estimates used to develop costs		Y
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		94 JAN 15
(e) Date Design Complete		94 AUG 31
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		43
(b) All Other Design Costs		
(c) Total		43
(d) Contract		43
(e) In-house		
(4) Construction Start		
		95 MAR
b. Equipment associated with this project will be provided from other appropriations: N/A		

DEFENSE BUSINESS OPERATIONS FUND (DBOF)

THE FOLLOWING IS A SPECIAL SECTION ON DBOF PROJECTS THAT ARE INCLUDED IN THE AIR FORCE FY 1995 MILITARY CONSTRUCTION REQUEST. THESE PROJECTS ARE ALSO INCLUDED IN THE DD FORMS 1390 AND 1391 THAT ARE IN THE FRONT PART OF THIS VOLUME.

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
TINKER AIR FORCE BASE, OKLAHOMA			ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
7.80.56	211-159	WWYK943020	8,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)		SF	110,500	25	2,763
SUPPORTING FACILITIES					4,450
UTILITIES		LS			(900)
UPGRADE SUBSTATION		LS			(1,300)
STEAM GENERATION		LS			(2,000)
SITE IMPROVEMENTS		LS			(250)
SUBTOTAL					7,213
CONTINGENCY (10%)					721
TOTAL CONTRACT COST					7,934
SUPERVISION, INSPECTION AND OVERHEAD (6%)					476
TOTAL REQUEST					8,410
TOTAL REQUEST (ROUNDED)					8,400
10. Description of Proposed Construction: Alter ventilation system to provide up to 100 percent make-up air, increase steam and electric service to the facility, and provide necessary support. Air Conditioning: 150 Tons.					
11. REQUIREMENT: 236,000 SF ADEQUATE: 0 SUBSTANDARD: 236,000 SF PROJECT: Alter the ventilation system of a corrosion control facility. (Current Mission) REQUIREMENT: A functional and environmentally safe depot corrosion control facility is required for repainting aircraft in conjunction with periodic depot maintenance of several different aircraft types. Modification of the ventilation system in the existing facility is required to meet Occupational Safety and Health Administration (OSHA) requirements. OSHA Regulation 29 CFR 1910.107(d)(9) requires ventilation systems to limit contaminants to 500 parts per million. A single pass-through ventilation system, with adequate provisions for heating and cooling make-up air, is required to meet this requirement. CURRENT SITUATION: This is one of two depot corrosion control facilities at Tinker Air Force Base, and is the only one equipped for complete aircraft repainting. Twelve of 14 ventilation units in the facility use recirculated air, which violates OSHA regulations and degrades the quality of paint application. The two remaining units exhaust to the outside except in cold weather. Annual paint usage in 1989-1990 averaged 21,000 gallons. Personnel are protected from respiratory hazards by use of special air-line respirators, which greatly decrease productivity. Noncompliance with OSHA regulations has been documented in an Air Force Occupational and Environmental Health Laboratory (AFOEHL) report. Additionally, the temperature and humidity conditions cause poor paint					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TINKER AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)	WWYK943020	
<p>adhesion, blushing, or irregular paint application on about two-thirds of aircraft requiring gloss paint applications. Correction of these flaws range from scuff sanding and touch-up painting to complete repainting of aircraft.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Aircraft paint operations will continue to violate OSHA standards and a high risk of fire will remain, with the potential loss of building, aircraft and equipment as well as personal injury or death. Also, completion of aircraft painting will continue to be delayed and labor and materials will continue to be wasted repainting aircraft.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of new construction, revitalization, contracting and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost efficient over the life of the project. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria specified in Air Force Manual 86-2, "Standard Facility Requirements". The requirement for this project was validated by the Joint Service Depot Maintenance Industrial Military Construction Review Board in September 1992.</p>		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TINKER AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER VENTILATION SYSTEM, CORROSION CONTROL FAC (DBOF)	WWYK943020	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 15
(b) Parametric Cost Estimates used to develop costs		N
(c) Percent Complete as of Jan 1994		35%
(d) Date 35% Designed.		93 OCT 10
(e) Date Design Complete		94 AUG 26
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		500
(b) All Other Design Costs		340
(c) Total		840
(d) Contract		649
(e) In-house		191
(4) Construction Start 94 DEC		
b. Equipment associated with this project will be provided from other appropriations: N/A		

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

FY 1995 NARRATIVE SUMMARY

Family housing is one of the most important quality of life issues in the Air Force. This budget request directly supports Defense Planning Guidance for 1995-1999.

- Retain quality people and provide these people with adequate housing.
- Maintain excellence in communities, facilities, and services to take care of Air Force people and their families.
- Decrease total expenses with the drawdown of forces.

The Air Force remains committed to providing adequate housing for all members and their families and recognizes the increased importance of this effort during this drawdown period. In line with guidance, we depend first on the local community to meet our housing needs. Where this is not possible, new housing will decrease deficits. This budget pursues this objective through a balanced program for construction, improvement, operations, maintenance and leasing.

The Air Force construction and improvement program reflects our commitment to replace or revitalize our inventory to meet contemporary standards. The 1995 budget shows an increase in replacement projects as a result of OSD policy to replace units when the costs of an improvement project exceeds 70 percent of the replacement cost.

Operation, maintenance and leasing funds support day-to-day operations such as civilian pay, service contracts, utilities, leases and required maintenance to prevent further deterioration of existing units. The 1995 budget follows Congress' desire that DOD continue "to adequately provide for maintenance of its housing inventory in future budget submissions." However, while the 1995 submission funds at a required annual level, deferred maintenance continues to grow.

The budget presents a balanced program to continue support of quality of life for Air Force personnel and their families while recognizing current fiscal constraints.

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

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MILITARY FAMILY HOUSING
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DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

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DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

FINANCIAL SUMMARY

AUTHORIZATION FOR APPROPRIATION REQUESTED FOR FY 1995
(\$ in Thousands):

FUNDING PROGRAM

FY 1995

Construction		\$181,948
Post-Acquisition Construction		61,770
Advance Planning and Design		<u>9,275</u>
<u>Appropriation Request: Construction</u>		\$252,993
Operations, Utilities and Maintenance		\$688,562
Operating Expenses	126,446	
Utilities	178,472	
Maintenance	383,644	
Leasing - Worldwide		\$112,757
Debt Payment		\$26
Premiums for Servicemen's Mortgage Insurance Coverage		
<u>Appropriation Request: O&M, Leasing, and Debt Payment</u>		<u>\$801,345</u>
<u>Appropriation Request</u>		<u>\$1,054,338</u>
Reimbursement Program		<u>\$11,139</u>
FY 1995 Family Housing Program		\$1,065,477

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

Authorization Language

SEC. 2302. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION. - Using amounts appropriated pursuant to the authorization of appropriations in section 2304(a)(5)(A)), the Secretary of the Air Force may construct or acquire family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

<u>STATE</u>	<u>INSTALLATION</u>	<u>PURPOSE</u>	<u>AMOUNT</u>
Alabama	Maxwell AFB	25 Units	\$ 2,100,000
Arizona	Davis Monthan AFB	60 Units	\$ 5,940,000
California	Beale AFB	76 Units	\$ 8,842,000
	Edwards AFB	34 Units	\$ 4,629,000
	Vandenberg AFB	128 Units	\$16,460,000
District of Columbia	Bolling AFB	100 Units	\$ 9,000,000
Florida	Patrick AFB	75 Units	\$ 7,145,000
Idaho	Mt. Home AFB	4 Units	\$ 881,000
		60 Units	\$ 5,712,000
Kansas	McConnell AFB	70 Units	\$ 8,322,000
Louisiana	Barksdale AFB	82 Units	\$ 8,236,000
Missouri	Whiteman AFB	Hsng Office	\$ 567,000

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

<u>STATE</u>	<u>INSTALLATION</u>	<u>PURPOSE</u>	<u>AMOUNT</u>
New Mexico	Cannon AFB	1 Unit	\$ 230,000
	Kirtland AFB	106 Units	\$10,058,000
	Holloman AFB	76 Units	\$ 7,733,000
North Carolina	Pope AFB	120 Units	\$14,874,000
	Seymour Johnson AFB	74 Units	\$ 6,025,000
North Dakota	Grand Forks AFB	Hsng Office	\$ 709,000
South Carolina	Shaw AFB	3 Units	\$ 631,000
Texas	Dyess AFB	59 Units	\$ 7,077,000
Virginia	Langley AFB	148 Units	\$14,421,000
Washington	Fairchild AFB	6 Units	\$ 1,035,000
Wyoming	F.E. Warren AFB	106 Units	\$11,321,000

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

(b) PLANNING AND DESIGN. - Using amounts appropriated pursuant to the authorization of appropriations in section 2304(a)(5)(A), the Secretary of the Air Force may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of military family housing units in an amount not to exceed \$ 9,275,000.

SEC. 2303. IMPROVEMENT TO MILITARY FAMILY HOUSING UNITS

Subject to section 2825 of Title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2304(a)(5)(A), the Secretary of the Air Force may improve existing military family housing units in an amount not to exceed \$ 61,770,000.

SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR FORCE

(a) IN GENERAL

(5) For Military Family Housing functions -

(A) For construction and acquisition of military family housing and facilities, \$222,993,000.

(B) For support of military family housing (including functions described in section 2833 of title 10, United States Code), \$801,345,000 of which not more than \$112,757,000 may be obligated or expended for leasing of military units worldwide.

(6) For Phase III of the relocation and construction of up to 1,068 family housing units at Scott Air Force Base, Illinois, authorized by section 2302(2) of the Military Construction Authorization Act for Fiscal Year 1993 (Public Law 102-484; 106 Stat. 2596), \$30,000,000.

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

Appropriation Language

For expenses of family housing for the Air Force for construction, including acquisition, replacement, addition, expansion, extension and alteration and for operations and maintenance, including debt payment, leasing, minor construction, and insurance premiums, as authorized by law as follows: for Construction, [\$187,035,000] \$252,993,000, for Operations and Maintenance, and Debt Payment [\$790,912,000] \$801,345,000; in all [\$977,947,000] \$1,054,338,000: Provided: That the amount for construction shall remain available until September 30, [1998] 1999.

Family Housing Construction, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1989

Identification code	57-7040-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programmed)				Obligations	
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
Direct program:							
01.0201	Post Acquisition Construction				4,288		
01.0301	Planning and design				988		
01.9101	Total direct program				5,276		
10.0001	Total				5,276		
Financing:							
17.0001	Recovery of prior year obligations				-1,541		
21.4002	Unobligated balance available, start of year:						
21.4009	For completion of prior year budget plans				-4,703		
25.0001	Reprogramming from/to prior year budget plan	-968					
	Unobligated balance expiring	968			968		
39.0001	Budget authority						

Family Housing Construction, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1990

Identification code	57-7040-0-1-051	Budget plan (amounts for FAMILY HOUSING actions programmed)			Obligations		
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
Direct program:							
01.0101	Construction of new housing					1,205	
01.0201	Post Acquisition Construction				5,165	639	
01.0301	Planning and design				979	1,174	
01.9101	Total direct program				6,144	3,018	
10.0001	Total				6,144	3,018	
Financing:							
17.0001	Recovery of prior year obligations				-216		
21.4002	Unobligated balance available, start of year:						
	For completion of prior year budget plans				-8,946	-3,018	
24.4002	Unobligated balance available, end of year:						
	For completion of prior year budget plans				3,018		
39.0001	Budget authority						

Family Housing Construction, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1991

Identification code	57-7040-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programed)				Obligations	
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
Direct program:							
01.0101	Construction of new housing				1,672		8,200
01.0201	Post Acquisition Construction				15,099	4,277	280
01.0301	Planning and design				1,724	967	28
01.9101	Total direct program				18,495	5,244	8,508
10.0001	Total				18,495	5,244	8,508
Financing:							
17.0001	Recovery of prior year obligations				-199		
21.4002	Unobligated balance available, start of year:						
	For completion of prior year budget plans				-32,049	-13,752	-8,508
24.4002	Unobligated balance available, end of year:						
	For completion of prior year budget plans				13,752	8,508	
39.0001	Budget authority						

Family Housing Construction, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1992

Identification code	57-7040-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programmed)			Obligations		
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
Direct program:							
01.0101	Construction of new housing				10,302	22,756	6,924
01.0201	Post Acquisition Construction				104,747	849	3,332
01.0301	Planning and design				2,138	374	80
01.9101	Total direct program				117,187	23,979	10,336
10.0001	Total				117,187	23,979	10,336
Financing:							
17.0001	Recovery of prior year obligations						
21.4002	Unobligated balance available, start of year:				-13,842		
21.4003	For completion of prior year budget plans						
21.4009	Available to finance new budget plans		-6,400		-154,630	-39,885	-15,906
21.4009	Reprogramming from/to prior year budget plan						
22.0001	Unobligated balance transferred to other acco	-11,400			5,000		
22.0001	Unobligated balance available, end of year:	5,000					
24.4002	For completion of prior year budget plans				39,885	15,906	5,570
24.4003	Available to finance subsequent year budget	6,400			6,400		
40.3601	Budget authority (Appropriation rescinded) (-6,400			-6,400	

Family Housing Construction, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1993

Identification code	57-7040-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programed)			Obligations		
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
Direct program:							
01.0101	Construction of new housing	102,978			63,853	24,405	12,976
01.0201	Post Acquisition Construction	139,649			72,049	55,036	11,910
01.0301	Planning and design	7,457			2,693	4,629	135
01.9101	Total direct program	250,084			138,595	84,070	25,021
03.0101	Reimbursable Program	125			125		
10.0001	Total	250,209			138,720	84,070	25,021
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-125			-125		
21.4002	Unobligated balance available, start of year:						
21.4003	For completion of prior year budget plans					-111,489	-27,419
21.4003	Available to finance new budget plans		-48,702			-48,702	
22.0001	Unobligated balance transferred from other ac	-15,000			-15,000		
22.0001	Unobligated balance available, end of year:						
24.4002	For completion of prior year budget plans				111,489	27,419	2,398
24.4003	Available to finance subsequent year budget	48,702			48,702		
39.0001	Budget authority	283,786	-48,702		283,786	-48,702	
Budget authority:							
40.0001	Appropriation	283,786			283,786		
40.3601	Appropriation rescinded (unob bal)		-48,702			-48,702	
43.0001	Appropriation (adjusted)	283,786	-48,702		283,786	-48,702	

Family Housing Construction, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1994

Identification code	57-7040-0-1-051	Budget plan (amounts for FAMILY HOUSING actions programmed)			Obligations		
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
Direct program:							
01.0101	Construction of new housing		100,064			30,339	38,819
01.0201	Post Acquisition Construction		75,070			47,162	23,408
01.0301	Planning and design		11,901			8,451	1,418
01.9101	Total direct program		187,035			85,952	63,645
03.0101	Reimbursable Program		156			156	
10.0001	Total		187,191			86,108	63,645
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)		-156			-156	
21.4002	Unobligated balance available, start of year:						-101,083
	For completion of prior year budget plans						
24.4002	Unobligated balance available, end of year:						
	For completion of prior year budget plans					101,083	37,438
40.0001	Budget authority (Appropriation)		187,035			187,035	

Family Housing Construction, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1995

Identification code	57-7040-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programmed)			Obligations		
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
Direct program:							
01.0101	Construction of new housing			181,948			81,985
01.0201	Post Acquisition Construction			61,770			30,410
01.0301	Planning and design			9,275			3,922
01.9101	Total direct program			2,993			116,317
03.0101	Reimbursable Program			110			110
10.0001	Total			253,103			116,427
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)			-110			-110
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans						136,676
40.0001	Budget authority (Appropriation)			252,993			252,993

Family Housing Construction, Air Force
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	57-7040-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programmed)				Obligations	
		1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
Program by activities:							
Direct program:							
01.0101	Construction of new housing	102,978	100,064	181,948	75,827	78,705	148,904
01.0201	Post Acquisition Construction	139,649	75,070	61,770	201,348	107,963	69,340
01.0301	Planning and design	7,457	11,901	9,275	8,522	15,595	5,583
01.9101	Total direct program	250,084	187,035	252,993	285,697	202,263	223,827
03.0101	Reimbursable Program	125	156	110	125	156	110
10.0001	Total	250,209	187,191	253,103	285,822	202,419	223,937
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-125	-156	-110	-125	-156	-110
17.0001	Recovery of prior year obligations				-15,798		
21.4002	Unobligated balance available, start of year:						
21.4003	For completion of prior year budget plans				-200,328	-168,144	-152,916
21.4009	Available to finance new budget plans		-55,102			-55,102	
22.0001	Reprogramming from/to prior year budget plan	-12,368					
22.0001	Unobligated balance transferred to other acco	-10,000			-10,000		
24.4002	Unobligated balance available, end of year:						
24.4003	For completion of prior year budget plans	55,102			168,144	152,916	182,082
25.0001	Available to finance subsequent year budget	968			55,102		
25.0001	Unobligated balance expiring				968		
39.0001	Budget authority	283,786	131,933	252,993	283,786	131,933	252,993
Budge: authority:							
40.0001	Appropriation	283,786	187,035	252,993	283,786	187,035	252,993
40.3601	Appropriation rescinded (unob bal)		-55,102			-55,102	
43.0001	Appropriation (adjusted)	283,786	131,933	252,993	283,786	131,933	252,993
Relation of obligations to outlays:							
71.0001	Obligations incurred						
72.4001	Obligated balance, start of year				285,697	202,263	223,827
74.4001	Obligated balance, end of year				218,931	334,057	292,266
77.0001	Adjustments in expired accounts (net)				-334,057	-292,266	-307,800
78.0001	Adjustments in unexpired accounts				-150		
90.0001	Outlays (net)				-15,798		
					154,624	244,054	208,293

Family Housing Construction, Air Force
Object Classification (in Thousands of dollars) SUMMARY

Identification code	57-7040-0-1-051	1993 actual	1994 est.	1995 est.

Direct obligations:				
132.001	Land and structures	285,697	202,263	223,827
199.001	Total Direct obligations	285,697	202,263	223,827

Reimbursable obligations:				
232.001	Land and structures	125	156	110
299.001	Total Reimbursable obligations	125	156	110

999.901	Total obligations	285,822	202,419	223,937

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Family Housing Operations & Debt, AF
Program and Financing (in Thousands of dollars)

Identification code	57-7045-0-1-051	1993 actual	1994 est.	1995 est.
Program by activities:				
Direct program:				
02.0101	Operating expenses	327,751	268,683	304,918
02.0201	Leasing	99,058	118,266	112,757
02.0301	Maintenance of real property	497,277	403,942	383,644
02.0501	Mortgage insurance premiums	70	21	26
02.9101	Total direct program	924,156	790,912	801,345
03.0101	Reimbursable Program	10,791	11,208	11,139
10.0001	Total obligations	934,947	802,120	812,484
Financing:				
Offsetting collections from:				
11.0001	Federal funds(-)	-1,225	-2,578	-2,562
14.0001	Non-Federal sources(-)	-9,566	-8,630	-8,577
22.0001	Unobligated balance transferred to other accounts	-10,000		
25.0001	Unobligated balance expiring	13,785		
40.0001	Budget authority (Appropriation)	927,941	790,912	801,345
Relation of obligations to outlays:				
71.0001	Obligations incurred	924,156	790,912	801,345
72.4001	Obligated balance, start of year	347,931	446,589	343,385
74.4001	Obligated balance, end of year	-446,589	-343,395	-317,147
77.0001	Adjustments in expired accounts (net)	-15,764		
90.0001	Outlays (net)	809,734	894,106	827,593

Family Housing Operations & Debt, AF
Object Classification (in Thousands of dollars)

Identification code	57-7045-0-1-051	1993 actual	1994 est.	1995 est.
Direct obligations:				
121.001	Travel and transportation of persons	3,786	3,827	3,835
122.001	Transportation of things	7,571	4,325	4,138
123.201	Rental payments to others	191,653	149,367	193,589
125.203	Other services with the private sector	274,452	233,019	222,829
125.204	Contracts with the private sector	151,422	151,323	140,400
126.001	Other charges with the private sector	15,141	54,975	52,589
131.001	Supplies and materials	47,320	18,291	17,496
132.001	Equipment	208,205	175,785	166,469
143.001	Land and structures	24,606		
143.001	Interest and dividends			
199.001	Total Direct obligations	924,156	790,912	801,345
Reimbursable obligations:				
225.204	Other services with the private sector	10,791	11,208	11,139
299.001	Other charges with the private sector	10,791	11,208	11,139
299.001	Total Reimbursable obligations			
999.901	Total obligations	934,947	802,120	812,484

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

NEW/CURRENT MISSION ACTIVITIES

In compliance with the Senate Appropriations Committee Report (100-380) on the FY 1989 Military Construction Appropriation Act, the Air Force has included the following exhibit that displays construction projects requested in two separate categories: new mission and current mission. "Current mission" projects are these projects that either replace inadequate existing facilities or construct new facilities which are not available to meet current requirements.

NEW CONSTRUCTION

<u>LOCATION</u>	<u>MISSION</u>	<u>NUMBER OF UNITS</u>	<u>REQUESTED APPROPRIATION AMOUNT (\$000)</u>
<u>NEW HOUSING</u>			
Scott AFB IL	New	300	30,000
Pope AFB SC	New	120	14,874
<u>REPLACEMENT HOUSING</u>			
Maxwell AFB AL	Current	25	2,100
Davis Monthan AFB AZ	Current	60	5,940
Beale AFB CA	Current	76	8,842
Edwards AFB CA	Current	34	4,629
Vandenberg AFB CA	Current	128	16,460
Bolling AFB DC	Current	100	9,000
Patrick AFB FL	Current	75	7,145
Mt Home AFB ID	Current	4	881
Mt Home AFB ID	Current	60	5,712
McConnell AFB KS	Current	70	8,322
Barksdale AFB LA	Current	82	8,236
Cannon AFB NM	Current	1	230
Kirtland AFB NM	Current	106	10,058
Holloman AFB NM	Current	76	7,733
Seymour Johnson AFB NC	Current	74	6,025
Shaw AFB SC	Current	3	631

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

NEW CONSTRUCTION

<u>LOCATION</u>	<u>MISSION</u>	<u>NUMBER OF UNITS</u>	<u>REQUESTED AUTHORIZATION AMOUNT (\$000)</u>
<u>REPLACEMENT HOUSING (CONT'D)</u>			
Dyess AFB TX	Current	59	7,077
Langley AFB VA	Current	148	14,421
Fairchild AFB WA	Current	6	1,035
F.E. Warren AFB WY	Current	106	11,321
<u>SUPPORT FACILITIES</u>			
Whiteman AFB MO	Current Housing Office		567
Grand Forks AFB ND	Current Housing Office		709
NEW MISSION TOTAL			44,874
CURRENT MISSION TOTAL			137,074
IMPROVEMENTS			61,770
PLANNING AND DESIGN			9,275

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

NEW CONSTRUCTION

Program (In Thousands)
FY 1995 Program \$181,948
FY 1994 Program \$100,064

Purpose and Scope

This program provides for the construction of new homes at locations where off-base assets are not available to provide adequate housing, replacement of existing homes where improvements are not economically feasible, and support facilities at locations where existing facilities are not adequate. Costs reflect all amounts necessary to provide complete and usable facilities.

Program Summary

Authorization is requested for:

Construction of 424 units, replacement of 1289 units of family housing and of 2 support facilities.

A summary of the funding program for FY 1995 follows:

<u>LOCATION</u>	<u>MISSION</u>	<u>NUMBER OF UNITS</u>	<u>REQUESTED AUTH AMOUNT (\$000)</u>
<u>NEW HOUSING</u>			
Scott AFB IL	New	300	30,000
Pope AFB SC	New	120	14,874
<u>REPLACEMENT HOUSING</u>			
Maxwell AFB AL	Current	25	2,100
Davis Monthan AFB AZ	Current	60	5,940
Beale AFB CA	Current	76	8,842
Edwards AFB CA	Current	34	4,629
Vandenberg AFB CA	Current	128	16,460
Bolling AFB DC	Current	100	9,000
Patrick AFB FL	Current	75	7,145
Mt Home AFB ID	Current	4	881
Mt Home AFB ID	Current	60	5,712
McConnell AFB KS	Current	70	8,322
Barksdale AFB LA	Current	82	8,236
Cannon AFB NM	Current	1	230
Kirtland AFB NM	Current	106	10,058

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

<u>LOCATION</u>	<u>MISSION</u>	<u>NUMBER OF UNITS</u>	<u>REQUESTED AUTH AMOUNT (\$000)</u>
<u>REPLACEMENT HOUSING</u>			
Holloman AFB NM	Current	76	7,733
Seymour Johnson AFB NC	Current	74	6,025
Shaw AFB SC	Current	3	631
Dyess AFB TX	Current	59	7,077
Langley AFB VA	Current	148	14,421
Fairchild AFB WA	Current	6	1,035
F.E. Warren AFB WY	Current	106	11,321
<u>SUPPORT FACILITIES</u>			
Whiteman AFB MO	Current Housing Office		567
Grand Forks AFB ND	Current Housing Office		<u>709</u>
Current Mission Total			137,074
New Mission Total			<u>44,874</u>
Grand Total			181,948

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE		
3. INSTALLATION AND LOCATION MAXWELL AIR FORCE BASE, ALABAMA				4. COMMAND AIR EDUCATION AND TRAINING COMMAND			5. AREA CONST COST INDEX 0.74			
6. PERSONNEL STRENGTH		PERMANENT		STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	
a. As of 30 SEP 93		973	1600	1466	1556	46	14			5,655
b. End FY 1999		1000	1622	1595	1556	46	14			5,833
7. INVENTORY DATA (\$000)										
a. Total Acreage: (3,528)										
b. Inventory Total As Of: (30 SEP 93) 204,118										
c. Authorization Not Yet In Inventory: 11,950										
d. Authorization Requested In This Program: 2,100										
e. Authorization Included In Following Program: (FY 1996) 0										
f. Planned In Next Three Program Years: 0										
g. Remaining Deficiency: 0										
h. Grand Total: 218,168										
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995										
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS		
CODE								START CMPL		
711-142		REPLACE FAMILY HOUSING		25 UN		2,100		TURN KEY		
				TOTAL:		2,100				
9a. Future Projects: Included in the Following Program (FY 1996) NONE										
9b. Future Projects: Typical Planned Next Three Years:										
10. Mission or Major Functions: Headquarters Air University; Air War College; Air Command and Staff College; Squadron Officer School; Officer Training School; Center for Aerospace Doctrine, Research, and Education; Air Force Quality Center; Ira C Eaker Center for Professional Development; Air Force Historical Research Agency; Headquarters Air Force Reserve Officer Training Corps; Headquarters Civil Air Patrol; Community College of the Air Force; an air base wing (C-21 aircraft) and an Air Force Reserve airlift group (C-130 aircraft).										

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE																														
3. INSTALLATION AND LOCATION MAXWELL AIR FORCE BASE, ALABAMA		4. PROJECT TITLE REPLACE FAMILY HOUSING																																
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 711-142	7. PROJECT NUMBER PNQS954040	8. PROJECT COST(\$000) 2,100																															
9. COST ESTIMATES																																		
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)																														
REPLACE FAMILY HOUSING	UN	25	51,010	1,275																														
SUPPORTING FACILITIES				620																														
SITE PREPARATION	LS			(116)																														
ROADS AND PAVING	LS			(102)																														
UTILITIES	LS			(101)																														
LANDSCAPING	LS			(101)																														
RECREATION	LS			(63)																														
DEMOLITION	LS			(138)																														
SUBTOTAL				1,895																														
CONTINGENCY (5%)				95																														
TOTAL CONTRACT COST				1,990																														
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				109																														
TOTAL REQUEST				2,100																														
AREA COST FACTOR		.77																																
<p>10. Description of Proposed Construction: Replace 25 family housing units including demolition and all support facilities. Project will construct units with associated carports, storage, patios and privacy fencing. Housing will include heating, cooling, energy conservation features, carpeting and appliances. Supporting facilities include all site preparation, utilities, roads, parking, playground, and landscaping.</p> <table style="width:100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">UNIT TYPE</th> <th style="text-align: center;">NET AREA</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">\$/NSF</th> <th style="text-align: center;">NO. UNITS</th> <th style="text-align: right;">TOTAL COST</th> </tr> </thead> <tbody> <tr> <td>JNCO 2BR</td> <td style="text-align: center;">950</td> <td style="text-align: center;">.79</td> <td style="text-align: center;">55</td> <td style="text-align: center;">5</td> <td style="text-align: right;">206,388</td> </tr> <tr> <td>JNCO 3BR</td> <td style="text-align: center;">1200</td> <td style="text-align: center;">.79</td> <td style="text-align: center;">55</td> <td style="text-align: center;">16</td> <td style="text-align: right;">834,240</td> </tr> <tr> <td>JNCO 4BR</td> <td style="text-align: center;">1350</td> <td style="text-align: center;">.79</td> <td style="text-align: center;">55</td> <td style="text-align: center;">4</td> <td style="text-align: right;">234,630</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">25</td> <td style="text-align: right;">1,275,258</td> </tr> </tbody> </table>					UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST	JNCO 2BR	950	.79	55	5	206,388	JNCO 3BR	1200	.79	55	16	834,240	JNCO 4BR	1350	.79	55	4	234,630					25	1,275,258
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST																													
JNCO 2BR	950	.79	55	5	206,388																													
JNCO 3BR	1200	.79	55	16	834,240																													
JNCO 4BR	1350	.79	55	4	234,630																													
				25	1,275,258																													
<p>11. <u>PROJECT</u>: Replace 25 junior enlisted and student housing units. This project will demolish 27 existing units. (Current Mission)</p> <p><u>REQUIREMENT</u>: Project will provide adequate quarters for Air Force members and their families assigned to this installation. Project includes all work necessary to provide units meeting "whole house/whole neighborhood" criteria.</p> <p><u>CURRENT SITUATION</u>: These Row units were constructed in 1941. The units are not energy efficient and housing density is overcrowded. Play areas for children and toddlers are below standards or nonexistent; presently the youngsters use the streets as playgrounds. Off-street parking does not meet minimum requirement of 2.5 parking spaces per unit or one covered space. Roofs leak during rainy periods, damaging units as well as personal property of occupants. Existing electrical system does not meet</p>																																		

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION MAXWELL AIR FORCE BASE, ALABAMA		
4. PROJECT TITLE REPLACE FAMILY HOUSING	5. PROJECT NUMBER PNQS954040	
<p>National Electrical Code requirements. All utilities systems have outlived life expectancy and need to be replaced. Expansion is required to alleviate lack of storage, cabinet, and counter space. Units are not compatible to reconfiguration. Kitchens and bathrooms are outdated and require complete renovation and/or replacement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to be housed in unsatisfactory conditions affecting morale, performance, and the retention of quality personnel.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives on construction, improvement, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, replacement construction was found to be the most cost effective over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1718			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME MAXWELL AIR FORCE BASE		5. LOCATION ADJACENT TO NORTHWEST CORNER OF MONTGOMERY, ALABAMA					
5. DATA AS OF 31 JANUARY 1992									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		2,584	2,812	458	5,854	3,115	2,657	489	6,241
7. PERMANENT PARTY PERSONNEL		1,969	2,482	458	4,909	2,022	2,352	415	4,789
8. GROSS FAMILY HOUSING REQUIREMENTS		1,717	2,222	183	4,122	1,750	1,854	136	3,740
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		403	536	97	1,036				
a. INVOLUNTARILY SEPARATED		33	17	3	53				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED			55		55				
c. UNACCEPTABLE HOUSED IN COMMUNITY		370	484	94	928				
10. VOLUNTARY SEPARATIONS		253	198	11	462	258	189	8	435
11. EFFECTIVE HOUSING REQUIREMENTS		1,464	2,024	172	3,660	1,492	1,885	128	3,305
12. HOUSING ASSETS (a + b)		1,136	1,507	75	2,718	1,136	1,508	75	2,719
a. UNDER MILITARY CONTROL		396	584		980	396	584		980
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		328	589		897	396	584		980
(2) UNDER CONTRACT/APPROVED									
(3) VACANT		68	15		83				
(4) INACTIVE									
b. PRIVATE HOUSING		740	923	75	1,738	740	924	75	1,739
(1) ACCEPTABLY HOUSED		733	919	75	1,727				
(2) ACCEPTABLE VACANT RENTAL		7	4		11				
13. EFFECTIVE HOUSING DEFICIT		328	517	97	942	356	177	53	586
14. PROPOSED PROJECT							25		25
15. REMARKS (SPECIFY ITEM NUMBER)									
ITEM 6 - 13. BASIC DATA WERE EXTRACTED FROM THE FAMILY HOUSING SURVEY OF JANUARY 1992.									

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.96				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		548	3995	1338	88	381		1	2	17	6,370
b. End FY 1999		746	4145	1408	88	381		1	2	17	6,788
7. INVENTORY DATA (\$000)											
a. Total Acreage: (10,983)											
b. Inventory Total As Of: (30 SEP 93) 250,398											
c. Authorization Not Yet In Inventory: 7,600											
d. Authorization Requested In This Program: 5,940											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 263,938											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE				SCOPE		COST	DESIGN STATUS		
CODE								(\$000)	START	CMPL	
711-142	REPLACE MILITARY FAMILY HOUSING					60 UN		5,940	TURN KEY		
TOTAL:								5,940			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Headquarters 12th Air Force; a wing with two fighter training squadrons responsible for training all A-10 aircrews; one air control squadron (OA-10 aircraft), one fighter squadron (A-10 & OA-10 aircraft), and two electronic combat squadrons (EC-130 aircraft); an Air Force Reserve air rescue squadron (HH-60 helicopters); an Air National Guard fighter interceptor detachment (F-16 aircraft); and Air Force Materiel Command's Aerospace Maintenance and Regeneration Center.											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE																														
AIR FORCE																																		
3. INSTALLATION AND LOCATION		4. PROJECT TITLE																																
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA		REPLACE MILITARY FAMILY HOUSING																																
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)																															
8.87.41	711-142	FBNV950010	5,940																															
9. COST ESTIMATES																																		
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)																														
REPLACE MILITARY FAMILY HOUSING				3,794																														
REPLACE FAMILY HOUSING (PHASE 2)	UN	60	62,330	(3,740)																														
SOLAR	LS			(54)																														
SUPPORTING FACILITIES				1,568																														
SITE PREPARATION	LS			(300)																														
ROADS AND PAVING	LS			(350)																														
UTILITIES	LS			(350)																														
LANDSCAPING AND NEIGHBORHOOD IMPROVMNT	LS			(180)																														
RECREATION	LS			(88)																														
DEMOLITION (INCLUDES ASBESTOS & LBP)	LS			(300)																														
SUBTOTAL				5,362																														
CONTINGENCY (5%)				268																														
TOTAL CONTRACT COST				5,630																														
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				310																														
TOTAL REQUEST				5,940																														
AREA COST FACTOR		.90																																
<p>10. Description of Proposed Construction: Replace 60 housing units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, and construction of new single and duplex housing units. Provides standard amenities, to include parking, air conditioning, garages, patios and privacy fencing, and neighborhood playgrounds and recreation areas. Includes asbestos and lead paint removal.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">UNIT TYPE</th> <th style="text-align: center;">NET AREA</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">\$/NSF</th> <th style="text-align: center;">NO. UNITS</th> <th style="text-align: right;">TOTAL COST</th> </tr> </thead> <tbody> <tr> <td>JNCO 3BR</td> <td style="text-align: center;">1200</td> <td style="text-align: center;">.89</td> <td style="text-align: center;">55</td> <td style="text-align: center;">36</td> <td style="text-align: right;">2,114,640</td> </tr> <tr> <td>JNCO 4BR</td> <td style="text-align: center;">1350</td> <td style="text-align: center;">.89</td> <td style="text-align: center;">55</td> <td style="text-align: center;">20</td> <td style="text-align: right;">1,321,650</td> </tr> <tr> <td>JNCO 5BR</td> <td style="text-align: center;">1550</td> <td style="text-align: center;">.89</td> <td style="text-align: center;">55</td> <td style="text-align: center;">4</td> <td style="text-align: right;">303,490</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">60</td> <td style="text-align: right;">3,739,780</td> </tr> </tbody> </table>					UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST	JNCO 3BR	1200	.89	55	36	2,114,640	JNCO 4BR	1350	.89	55	20	1,321,650	JNCO 5BR	1550	.89	55	4	303,490					60	3,739,780
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST																													
JNCO 3BR	1200	.89	55	36	2,114,640																													
JNCO 4BR	1350	.89	55	20	1,321,650																													
JNCO 5BR	1550	.89	55	4	303,490																													
				60	3,739,780																													
<p>11. PROJECT: Replace 60 Family Housing units. (Current Mission)</p> <p>REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Davis-Monthan AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This is the second of multiple phases to provide adequate housing for base personnel. Of the units to be replaced in this multi-phase initiative, 72 are completed or included in prior programs. The replacement housing will provide a modern kitchen, living room, family room, and bath configuration, with ample interior and exterior storage and a single car garage. Off-street parking will be provided for a second vehicle. The neighborhood support</p>																																		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE MILITARY FAMILY HOUSING	FBNV950010	
<p>infrastructure will be upgraded to meet modern housing needs. Neighborhood enhancements will include landscaping, playgrounds, and recreation areas.</p> <p><u>CURRENT SITUATION:</u> This project replaces Appropriated housing units which were constructed in 1973 to 1975. These 20+ year old houses are showing the affects of age and continuous heavy use. While these are the newest units on base, they are in the worst condition. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. Roofs, walls, foundations and exterior pavements require major repair or replacement due to the effects of age and the environment. Pavements are showing signs of failure due to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are generally inadequate by any modern criteria. Bedrooms are small and lack adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient. Kitchens have inadequate storage and counter space, cabinets are old and unsightly, countertops and sinks are badly worn. Flooring throughout the house is outdated, and contains evidence of asbestos. Plumbing and electrical systems are outdated and require abnormal maintenance and repair. Electrical circuits do not meet National Electric Code requirements. Lighting systems throughout the houses are inefficient and do not meet modern needs. Exterior storage is inadequate. There are no patios for outside living/entertaining. Some three and four bedroom units fall short of authorized living space.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Major morale problems will result because some people will continue to occupy substandard housing while neighbors and friends are in upgraded units. The housing will continue to be occupied until it becomes uninhabitable because adequate, affordable off-base housing is not available. The current Housing Market Analyses shows a deficit. Without this and subsequent phases of this initiative, repairs of these units will continue out of necessity, in a costly, piecemeal fashion, with no improvement in living quality.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was originally found to be the most cost effective. However, since revitalization exceeded 70% of the replacement value, replacement construction was selected. Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION							
5. DATA AS OF OCTOBER 1992		a. NAME DAVIS-MONTHAN AIR FORCE BASE, ARIZONA				b. LOCATION TUSCON, ARIZONA			
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		516	2,998	894	4,408	730	3,224	865	4,819
7. PERMANENT PARTY PERSONNEL		516	2,998	894	4,408	730	3,224	865	4,819
8. GROSS FAMILY HOUSING REQUIREMENTS		365	2,199	275	2,839	529	2,372	267	3,168
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		7	92	31	130				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		7	92	31	130				
10. VOLUNTARY SEPARATIONS		0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING REQUIREMENTS		365	2,199	275	2,839	529	2,372	267	3,168
12. HOUSING ASSETS (a + b)		368	2,152	255	2,775	541	2,339	248	3,128
a. UNDER MILITARY CONTROL		133	1,106	0	1,239	132	1,107	0	1,239
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		133	1,106	0	1,239	132	1,107	0	1,239
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		235	1,046	255	1,536	409	1,232	248	1,889
(1) ACCEPTABLY HOUSED		225	1,001	244	1,470	390	1,173	236	1,799
(2) ACCEPTABLE VACANT RENTAL		10	45	11	66	19	59	12	90
13. EFFECTIVE HOUSING DEFICIT		(3)	47	20	64	(12)	33	19	40
14. PROPOSED PROJECT							60		60
15. REMARKS (SPECIFY ITEM NUMBER)									
ITEMS 1-13: INFORMATION REPORTED IN THIS TABLE IS TAKEN FROM HOUSING MARKET ANALYSIS, SEPTEMBER 1992 ITEM 13: SURPLUSES NOTED IN ()									

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.24				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		465	2823	417				1	1		3,707
b. End FY 1999		457	3027	440					1	1	3,926
7. INVENTORY DATA (\$000)											
a. Total Acreage: (22,944)											
b. Inventory Total As Of: (30 SEP 93) 182,134											
c. Authorization Not Yet In Inventory: 14,200											
d. Authorization Requested In This Program: 8,842											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 205,176											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)		START	CMPL		
711-142	REPLACE FAMILY HOUSING	76 UN				8,842		TURN KEY			
TOTAL:						8,842					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: A flying wing which includes two reconnaissance squadrons (U-2 and T-38 aircraft); the Air Force Combat Ammunition Center; an air refueling squadron (KC-135 aircraft); and an Air Force Space Command missile warning squadron which operates one of the Phased Array Warning System (Pave PAWS) radars.											

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)				2. DATE	
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA				4. PROJECT TITLE REPLACE MILITARY FAMILY HOUSING (PHASE 1)			
5. PROGRAM ELEMENT 8.87.41		6. CATEGORY CODE 711-142		7. PROJECT NUMBER BAEY951005		8. PROJECT COST(\$000) 8,842	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
FAMILY HOUSING							5,552
REPLACE FAMILY HOUSING, PHASE 1				UN	76	70,577	(5,364)
SOLAR				LS			(188)
SUPPORTING FACILITIES							2,430
SITE PREPARATION				LS			(293)
ROADS AND PAVING				LS			(391)
UTILITIES				LS			(439)
LANDSCAPING AND NEIGHBORHOOD IMPROVMNT				LS			(195)
RECREATION				LS			(100)
GARAGE AND STORAGE				LS			(480)
DEMOLITION (INCLUDES ASBESTOS & LBP)				LS			(532)
SUBTOTAL							7,982
CONTINGENCY (5%)							399
TOTAL CONTRACT COST							8,381
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)							461
TOTAL REQUEST							8,842
AREA COST FACTOR					1.24		
10. Description of Proposed Construction: Replace 76 housing units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, and construction of new single and duplex housing units. Provides standard amenities, to include parking, air conditioning, garages, patios and privacy fencing, and neighborhood playgrounds and recreation areas. Includes asbestos and lead paint removal.							
<u>UNIT TYPE</u>		<u>NET AREA</u>	<u>PROJECT FACTOR</u>	<u>\$/NSF</u>	<u>NO. UNITS</u>	<u>TOTAL COST</u>	
JNCO 2BR		950	1.26	55	63	4,147,605	
JNCO 4BR		1350	1.26	55	13	1,216,215	
					76	5,363,820	
11. PROJECT: Replace 76 Family Housing units. (Current Mission) REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Beale AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This is the first of multiple phases to provide adequate housing for base personnel. There are a total of 1708 housing units to be upgraded/replaced in this multi-phased initiative. The replacement housing will provide a modern kitchen, living room, family room, and bath configuration, with ample interior and exterior storage and a single car garage. Off-street parking will be provided for a second vehicle. The basic neighborhood support infrastructure will be upgraded to meet modern housing needs. Neighborhood enhancements will include							

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
BEALE AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE MILITARY FAMILY HOUSING (PHASE 1)	BAEY951005	
<p>landscaping, playgrounds, and recreation areas.</p> <p>CURRENT SITUATION: This project replaces Capehart housing units which are over 30 years old and are showing the affects of age and continuous heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. Roofs, walls, foundations and exterior pavements require major repair or replacement due to the effects of age and the environment. Roof structures show signs of rot; leaks have made already inadequate (by todays standards) insulation even less effective. Foundations and pavements are showing signs of failure due to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are generally inadequate by any modern criteria. Bedrooms are small and lack adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient. Kitchens have inadequate storage and counter space, cabinets are old and unsightly, countertops and sinks are badly worn. There is no space for a dishwasher. Flooring throughout the house is outdated, and contains evidence of asbestos. Plumbing and electrical systems are outdated and require abnormal maintenance and repair. Electrical circuits do not meet National Electric Code requirements. Lighting systems throughout the houses are inefficient and do not meet modern needs. Heating and air conditioning systems require upgrade or replacement. Rain run-off currently "ponds" under many of the houses resulting in moisture deterioration.</p> <p>IMPACT IF NOT PROVIDED: Air Force members and their families will continue to live in extremely outdated, substandard and unsatisfactory housing. The housing will continue to be occupied until it becomes uninhabitable because adequate, affordable off-base housing is not available. The current Housing Market Analyses shows a housing deficit of approximately 100 units. Without this and subsequent phases of this initiative, repairs of these units will continue out of necessity, in a costly, piecemeal fashion, with no improvement in living quality.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since, this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was originally found to be the most cost effective. However, since revitalization exceeded 70% of the replacement value of the houses, replacement construction was selected as the best option in accordance with current OSD and Congressional policy. Updated improvement costs represent 72.5% of FY95 Replacement estimates.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1985		REPORT CONTROL SYMBOL DD-A&L (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME		5. LOCATION					
5. DATA AS OF June 1980		BEALE AIR FORCE BASE, CALIFORNIA		TEN MILES EAST OF MARYSVILLE, CALIFORNIA					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		574	2,609	987	4,170	1,414	2,404	1,040	4,858
7. PERMANENT PARTY PERSONNEL		574	2,609	987	4,170	1,414	2,404	1,040	4,858
8. GROSS FAMILY HOUSING REQUIREMENTS		489	1,791	339	2,599	529	1,586	309	2,424
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		104	120	37	261				
a. INVOLUNTARILY SEPARATED		2	10	7	19				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		102	110	30	242				
10. VOLUNTARY SEPARATIONS		11	109	12	132	12	96	11	119
11. EFFECTIVE HOUSING REQUIREMENTS		458	1,682	327	2,467	517	1,400	298	2,305
12. HOUSING ASSETS (a + b)		371	1,617	297	2,285	378	1,842	82	2,302
a. UNDER MILITARY CONTROL		211	1,286	215	1,712	211	1,501	0	1,712
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		189	1,242	215	1,656	0	0	0	0
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		12	44	0	56				
b. PRIVATE HOUSING		160	331	82	573	167	341	82	590
(1) ACCEPTABLY HOUSED		155	320	75	550	167	341	82	590
(2) VACANT RENTAL HOUSING		5	11	7	23	0	0	0	0
13. EFFECTIVE HOUSING DEFICIT		87	65	30	182	139	(352)	216	3
14. PROPOSED PROJECT							76		76
15. REMARKS (SPECIFY ITEM NUMBER)									

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
EDWARDS AIR FORCE BASE, CALIFORNIA				AIR FORCE MATERIEL COMMAND				1.38			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		658	3610	3376							7,644
b. End FY 1999		622	3149	3583	11			29	20	112	7,526
7. INVENTORY DATA (\$000)											
a. Total Acreage: (301,928)											
b. Inventory Total As Of: (30 SEP 93) 653,456											
c. Authorization Not Yet In Inventory: 62,400											
d. Authorization Requested In This Program: 4,629											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 720,485											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START	CMPL		
711-142	REPLACE FAMILY HOUSING			34 UN		4,629		TURN KEY			
						TOTAL:	4,629				
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Air Force Flight Test Center which is responsible for flight test activities for all USAF aircraft and related avionics, flight control, and weapons systems (primary test aircraft include B-1, B-2, C-17, C-23, F-15, F-16, F-117, F-22, AC-130, OA-37, T-38 & UH-1); Air Force Test Pilot School; and Astronautics Directorate of the Phillips Laboratory. Major tenants include US Army Aviation Engineering Activity; NASA Ames Dryden Flight Research Facility; and Jet Propulsion Laboratory test facility. Also, a landing site for the space shuttle.											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION		4. PROJECT TITLE			
EDWARDS AIR FORCE BASE, CALIFORNIA		REPLACE FAMILY HOUSING			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.87.41	711-142	FSPM954501C	4,629		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FAMILY HOUSING	UN	34	86,284	2,934	
SUPPORTING FACILITIES				1,245	
SITE PREPARATION	LS			(205)	
ROADS AND PAVING	LS			(370)	
UTILITIES	LS			(230)	
LANDSCAPING	LS			(43)	
DEMOLITION	LS			(33)	
ASBESTOS ABATEMENT	LS			(364)	
SUBTOTAL				4,179	
CONTINGENCY (5%)				209	
TOTAL CONTRACT COST				4,388	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				241	
TOTAL REQUEST				4,629	
AREA COST FACTOR		1.38			
10. Description of Proposed Construction: Replace 34 Wherry JNCO units. Construct housing units with gable roofs, road/sidewalks, driveway, attached garage, and exterior wooden storage shed. Install roof-mounted evaporator coolers, paint interior, exterior and color coat stucco. Includes electrical, mechanical, structural, and architectural work. Provide irrigation system in common areas. Demolish 34 existing units.					
UNIT TYPE	NET ARF	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST
JNCO 2BR	950	1.43	55	14	1,046,045
JNCO 3BR	1200	1.43	55	20	1,887,600
				34	2,933,645
11. <u>PROJECT</u> : Replace 34 Wherry Family Housing units. (Current Mission) <u>REQUIREMENT</u> : This project is required to provide quality of life improvements and energy efficient housing units to the existing area to enhance standards of livability for the residents. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. <u>CURRENT SITUATION</u> : These family housing units were originally built in the 1950's. They have not received any major renovations since that time period. The two bedroom units are more than 120 Net Square Feet under the authorized net floor area. The three bedroom units lack entry foyers and have at least one undersized bedroom. The harsh environment has taken its toll and the units have deteriorated beyond economical repair. Asbestos-containing building materials contribute significantly to the extremely high repair cost. The exteriors of these facilities have					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
EDWARDS AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	FSPM954501C	

deteriorated to the point that all wooden surfaces need to be replaced. Plumbing and electrical systems are in such poor repair that constant maintenance is required to maintain operability. This housing area is very congested and presents a traffic flow safety hazard when cars park on the streets. Irrigation systems in common areas are required to provide a useable and aesthetic environment for the neighborhood.

IMPACT IF NOT PROVIDED: The harsh desert environment will continue to take its toll on these old and deteriorated units. Asbestos will continue to limit maintainability and future repair costs will be exorbitant due to environmental abatement requirements. Exterior surfaces will continue to deteriorate and huge maintenance costs will be incurred. The Air Force Flight Test Center will have an increasingly difficult time meeting energy conservation goals. Mechanical and electrical systems will continue to deteriorate, adding to the already heavy workload and high cost to maintain. The units will become uninhabitable.

ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, replacement construction was found to be the most cost effective over the life of the project.

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1985		REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION				5. LOCATION			
5. DATA AS OF JUNE, 1992		a. NAME EDWARDS AIR FORCE BASE CALIFORNIA				b. LOCATION 100 MILES NORTH OF LOS ANGELES			
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (a)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		876	3,566	620	5,062	766	3,196	555	4,517
7. PERMANENT PARTY PERSONNEL		876	3,566	620	5,062	766	3,196	555	4,517
8. GROSS FAMILY HOUSING REQUIREMENTS		652	2,805	176	3,633	569	2,508	150	3,225
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		92	421	46	559				
a. INVOLUNTARILY SEPARATED		1	9	9	19				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLE HOUSED IN COMMUNITY		91	412	37	540				
10. VOLUNTARY SEPARATIONS		25	112	20	157	22	100	18	140
11. EFFECTIVE HOUSING REQUIREMENTS		627	2,693	156	3,476	547	2,406	132	3,058
12. HOUSING ASSETS (a + b)		543	2,306	116	2,965	486	2,074	88	2,648
a. UNDER MILITARY CONTROL		410	1,549	30	1,989	410	1,579	0	1,989
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		410	1,549	30	1,989	410	1,579	0	1,989
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		133	757	86	976	76	495	88	659
(1) ACCEPTABLY HOUSED		125	723	80	928				
(2) ACCEPTABLE VACANT RENTAL		8	34	6	48				
13. EFFECTIVE HOUSING DEFICIT		84	387	40	511	61	332	44	437
14. PROPOSED PROJECT							34		34
15. REMARKS									

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION VANDENBERG AIR FORCE BASE, CALIFORNIA				4. COMMAND AIR FORCE SPACE COMMAND			5. AREA CONST COST INDEX 1.36				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		667	2650	1226							4,543
b. End FY 1999		609	2269	1223							4,101
7. INVENTORY DATA (\$000)											
a. Total Acreage: (98,830)											
b. Inventory Total As Of: (30 SEP 93) 1,109,649											
c. Authorization Not Yet In Inventory: 15,650											
d. Authorization Requested In This Program: 16,460											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 1,141,759											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST	DESIGN STATUS			
CODE							(\$000)	START	CMPL		
711-142		REPLACE FAMILY HOUSING			128 UN		16,460	TURN KEY			
							TOTAL:	16,460			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Headquarters Fourteenth Air Force; a space wing (UH-1 helicopters); and an Air Education and Training Command space and missile training squadron.											

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION VANDENBERG AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE REPLACE FAMILY HOUSING
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 711-142	7. PROJECT NUMBER XUMU924014P2
8. PROJECT COST(\$000) 16,460		
9. COST ESTIMATES		
ITEM	U/M	QUANTITY
UNIT COST	COST	(\$000)
REPLACE CAPEHART HOUSING, PHASE 2	UN	128
SUPPORTING FACILITIES		
SITE PREPARATION	LS	(675)
ROADS AND PAVING	LS	(852)
UTILITIES	LS	(2,000)
LANDSCAPING	LS	(462)
RECREATION	LS	(158)
SPECIAL CONSTRUCTION FEATURES	LS	(120)
OTHER (SPECIFY) ASBESTOS/LEAD PAINT	LS	(513)
SUBTOTAL		14,859
CONTINGENCY (5%)		743
TOTAL CONTRACT COST		15,602
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)		858
TOTAL REQUEST		16,460
AREA COST FACTOR		1.36
10. Description of Proposed Construction: Replace 128 family housing units. Demolish existing units and reconstruct on existing foundations. Includes site preparation, landscaping, improved parking, new mechanical and electrical systems, patios with privacy fencing, neighborhood improvements to include playgrounds, sidewalks and recreational areas. New units will also receive new appliances.		
UNIT TYPE	NET AREA	PROJECT FACTOR
JNCO 2BR	950	1.35
JNCO 3BR	1200	1.35
JNCO 4BR	1350	1.35
		\$/ NSF
		NO. UNITS
		TOTAL COST
		55
		78
		39
		11
		128
		5,501,925
		3,474,900
		1,102,613
		10,079,438
11. <u>PROJECT</u> : Replace 128 Junior NCO Family Housing units. (Current Mission) <u>REQUIREMENT</u> : This project is required to provide modern and efficient replacement housing for military members and their dependents. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. <u>CURRENT SITUATION</u> : These units are over 30 years old and have deteriorated to the point where replacement is the most economical alternative. Wiring and fixtures have been identified by the Fire Department and Base Safety as a fire hazard; wiring is brittle and exposed in many units. Plumbing systems have succumbed to the effects of hard water and corrosion, resulting in severe constriction and pipe leakage. Plumbing fixtures are worn and unattractive. Main and master baths are		

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
VANDENBERG AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	XUMU924014P2	
<p>deteriorated and outdated, having shower enclosures and medicine cabinets which are corroded, discolored, and pitted. The unit floor plans are ineffecient and produce a poor fuctional layout for families to live.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to be housed in substandard quarters with electrical and mechanical systems that do not meet US building codes or standards. Extremely high operations and maintenance costs will continue to be incurred due to the age and deterioration of the building systems including, door and window hardware, roofing systems, mechanical and electrical systems, flooring, and insufficient roof and wall insulation. The units will eventually become uninhabitable. Morale and retention of the members and families will continue to negatively impact mission accomplishment.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, replacement construction was found to be the most cost effective over the life of the project.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L(AF)1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME VANDENBERG AIR FORCE BASE				b. LOCATION ELEVEN MILES NORTH OF LOMPOC, CALIFORNIA			
5. DATA AS OF 31 JANUARY 1992									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		820	2,145	520	3,485	646	1,898	713	3,257
7. PERMANENT PARTY PERSONNEL		703	2,145	520	3,368	646	1,898	713	3,257
8. GROSS FAMILY HOUSING REQUIREMENTS		572	1,811	174	2,557	497	1,386	224	2,107
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		6	146	2	154				
a. INVOLUNTARILY SEPARATED			5	2	7				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED			135		135				
c. UNACCEPTABLE HOUSED IN COMMUNITY		6	6		12				
10. VOLUNTARY SEPARATIONS		6	80	3	89	5	66	4	75
11. EFFECTIVE HOUSING REQUIREMENTS		566	1,731	171	2,468	492	1,320	220	2,032
12. HOUSING ASSETS (a + b)		591	1,619	171	2,381	617	1,767	3	2,387
a. UNDER MILITARY CONTROL		463	1,340	168	1,971	485	1,486		1,971
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		434	1,309	168	1,911	485	1,486		19,712
(2) UNDER CONTRACT/APPROVED									
(3) VACANT		29	31		60				
(4) INACTIVE									
b. PRIVATE HOUSING		128	279	3	410	132	281	3	416
(1) ACCEPTABLY HOUSED		128	276	1	403				
(2) ACCEPTABLE VACANT RENTAL		2	3	2	7				
13. EFFECTIVE HOUSING DEFICIT		-25	112		87	-125	-447	217	-355
14. PROPOSED PROJECT							128		128
15. REMARKS									
ITEM 6 - 13. BASIC DATA WERE EXTRACTED FROM THE FAMILY HOUSING SURVEY OF JANUARY 1992.									

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION BOLLING AIR FORCE BASE, DISTRICT OF COLUMBIA				4. COMMAND AIR FORCE DISTRICT OF WASHINGTON				5. AREA CONST COST INDEX 1.03			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		566	1517	978	392	390	80	210	1222		5,355
b. End FY 1999		559	1432	948	392	390	80	210	1222		5,233
7. INVENTORY DATA (\$000)											
a. Total Acreage: (607)											
b. Inventory Total As Of: (30 SEP 93) 241,941											
c. Authorization Not Yet In Inventory: 9,400											
d. Authorization Requested In This Program: 9,000											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 16,800											
h. Grand Total: 277,141											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE				SCOPE		COST	DESIGN STATUS		
CODE							(\$000)	START	CMPL		
711-142	REPLACE FAMILY HOUSING				100 UN		9,000	TURN KEY			
TOTAL:							9,000				
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Supports Air Force personnel in the National Capitol Region. Headquarters USAF functions include Chief of Chaplains, Surgeon General, and Historian; Headquarters Air Force Office of Special Investigation; Air Force Office of Scientific Research; Air Force Legal Services Agency; Air Force Medical Support Agency; USAF Band; and USAF Honor Guard. Major tenants include the Defense Intelligence Agency.											

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)				2. DATE																																					
3. INSTALLATION AND LOCATION BOLLING AIR FORCE BASE WASHINGTON, DISTRICT OF COLUMBIA				4. PROJECT TITLE REPLACE FAMILY HOUSING																																							
5. PROGRAM ELEMENT 7.87.41		6. CATEGORY CODE 711-142		7. PROJECT NUMBER BXUR954000		8. PROJECT COST(\$000) 9,000																																					
9. COST ESTIMATES																																											
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)																																				
REPLACE FY70 APPROPRIATED FAMILY HSG				UN	100	72,397	7,240																																				
SUPPORTING FACILITIES							885																																				
SITE PREPARATION				LS			(126)																																				
ROADS AND PAVING				LS			(137)																																				
UTILITIES				LS			(190)																																				
LANDSCAPING				LS			(27)																																				
SPECIAL CONSTRUCTION FEAT. (CW LINES)				LS			(184)																																				
OTHER (DEMO./LEAD BASED PAINT/ASBESTOS				LS			(221)																																				
SUBTOTAL							8,125																																				
CONTINGENCY (5%)							406																																				
TOTAL CONTRACT COST							8,531																																				
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)							469																																				
TOTAL REQUEST							9,000																																				
AREA COST FACTOR					1.05																																						
<p>10. Description of Proposed Construction: Demolish 100 existing housing units and replace with 100 new units. Provide interior utilities, fixtures, finishes, handicap adaptability, and fire protection. Alter existing infrastructure to accommodate new housing site. Provide landscaping and handicap curb access. Provide a cohesive blend of new walks and common areas to existing.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">UNIT TYPE</th> <th style="text-align: center;">NET AREA</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">\$/NSF</th> <th style="text-align: center;">NO. UNITS</th> <th style="text-align: right;">TOTAL COST</th> </tr> </thead> <tbody> <tr> <td>JNCO 3BR</td> <td style="text-align: center;">1200</td> <td style="text-align: center;">1.02</td> <td style="text-align: center;">55</td> <td style="text-align: center;">49</td> <td style="text-align: right;">3,298,680</td> </tr> <tr> <td>JNCO 4BR</td> <td style="text-align: center;">1350</td> <td style="text-align: center;">1.02</td> <td style="text-align: center;">55</td> <td style="text-align: center;">26</td> <td style="text-align: right;">1,969,110</td> </tr> <tr> <td>SNCO 3BR</td> <td style="text-align: center;">1350</td> <td style="text-align: center;">1.02</td> <td style="text-align: center;">55</td> <td style="text-align: center;">11</td> <td style="text-align: right;">833,085</td> </tr> <tr> <td>SNCO 4BR</td> <td style="text-align: center;">1450</td> <td style="text-align: center;">1.02</td> <td style="text-align: center;">55</td> <td style="text-align: center;">14</td> <td style="text-align: right;">1,138,830</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">100</td> <td style="text-align: right;">7,239,705</td> </tr> </tbody> </table>								UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST	JNCO 3BR	1200	1.02	55	49	3,298,680	JNCO 4BR	1350	1.02	55	26	1,969,110	SNCO 3BR	1350	1.02	55	11	833,085	SNCO 4BR	1450	1.02	55	14	1,138,830					100	7,239,705
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST																																						
JNCO 3BR	1200	1.02	55	49	3,298,680																																						
JNCO 4BR	1350	1.02	55	26	1,969,110																																						
SNCO 3BR	1350	1.02	55	11	833,085																																						
SNCO 4BR	1450	1.02	55	14	1,138,830																																						
				100	7,239,705																																						
<p>11. PROJECT: This project will replace 100 NCO housing units and improve neighborhood common areas to support the "current mission".</p> <p>REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan.</p> <p>CURRENT SITUATION: These housing units were constructed in 1975 under strict budget constraints and lack the quality and amenities required to meet current standards. The units are undersized and do not have adequate bathrooms, secondary eating areas, and private exterior living areas. Current floor layouts are not functional and do not allow maximum use of available space. The units are not in compliance with current fire</p>																																											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
BOLLING AIR FORCE BASE WASHINGTON, DISTRICT OF COLUMBIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	BXUR954000	
<p>protection and handicap laws. Condensing units were installed during original construction in 1975 and require frequent repairs to keep them operational. Carports require remedial repairs to eliminate rotted wood damage and preserve the structures. Proper entrance walks and landscaping is required to clearly define front entrances and redirect the focal point from carport structures to the front entrances.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Failure to correct deficiencies and meet current safety and health standards, compromises health and safety of the occupants and impacts quality of life, government resources and inadvertently impacts mission readiness.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, replacement construction was found to be the most cost effective over the life of the project.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION							
5. DATA AS OF July, 1993		a. NAME Bolling Air Force Base, District of Columbia		b. LOCATION Washington DC					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E5-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E5-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		5,294	3,887	353	9,534	5,294	3,889	371	9,534
7. PERMANENT PARTY PERSONNEL		5,294	3,887	353	9,534	5,294	3,889	371	9,534
8. GROSS FAMILY HOUSING REQUIREMENTS		4,192	2,725	56	6,973	4,147	2,686	59	6,892
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		1,570	1,044	15	2,629				
a. INVOLUNTARILY SEPARATED		29	23	0	52				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLE HOUSED IN COMMUNITY		1,541	1,021	15	2,577				
10. VOLUNTARY SEPARATIONS		79	100	2	181	79	101	2	182
11. EFFECTIVE HOUSING REQUIREMENTS		4,113	2,625	54	6,792	4,068	2,585	57	6,710
12. HOUSING ASSETS (a + b)		2,613	1,605	40	4,258	2,563	1,750	40	4,353
a. UNDER MILITARY CONTROL		190	785	15	990	209	1,082	33	1,404
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		190	785	15	990	191	766	33	990
(2) UNDER CONTRACT/APPROVED						98	316	0	414
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		2,423	820	25	3,268	2,274	668	7	2,949
(1) ACCEPTABLY HOUSED		2,353	796	24	3,173				
(2) ACCEPTABLE VACANT RENTAL		70	24	1	95				
13. EFFECTIVE HOUSING DEFICIT		1,500	1,020	14	2,534	1,505	835	17	2,357
14. PROPOSED PROJECT							100		100
15. REMARKS									
<p>12a Excludes 405 MFH units designated to and occupied by Navy personnel at Bolling AFB. These units are not considered in the effective housing deficit.</p>									

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA				4. COMMAND AIR FORCE SPACE COMMAND			5. AREA CONST COST INDEX 0.98				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		473	2317	1054				33	531	15	4,423
b. End FY 1999		462	1704	960				33	531	15	3,705
7. INVENTORY DATA (\$000)											
a. Total Acreage: (2,341)											
b. Inventory Total As Of: (30 SEP 93) 148,294											
c. Authorization Not Yet In Inventory: 7,700											
d. Authorization Requested In This Program: 7,145											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 163,139											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE				SCOPE		COST	DESIGN STATUS		
<u>CODE</u>								<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>	
711-142		REPLACE FAMILY HOUSING				75 UN		7,145	TURN KEY		
TOTAL:								7,145			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: A space wing; the Air Force Technical Applications Center; and two Air Combat Command air rescue squadrons (HH-60 helicopters and HC-130 aircraft). Also, the temporary beddown location for the Air Force Reserve air rescue squadron (HH-60 helicopters and HC-130 aircraft) from Homestead AFB, FL. Major tenants include the DOD Equal Opportunity Management Institute and a State Department aviation unit.											

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA				4. PROJECT TITLE REPLACE FAMILY HOUSING		
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 711-142	7. PROJECT NUMBER SXHT954005	8. PROJECT COST (\$000) 7,145			
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
REPLACE CENTRAL WHERRY HSG, PHASE III		UN	75	62,062	4,655	
SUPPORTING FACILITIES					1,795	
ASBESTOS ABATEMENT		LS			(393)	
SITE PREPARATION		LS			(142)	
ROADS AND PAVING		LS			(138)	
UTILITIES		LS			(303)	
LANDSCAPING		LS			(122)	
GARAGES/DEMOLITION (96 UNITS)		LS			(697)	
SUBTOTAL					6,450	
CONTINGENCY (5%)					323	
TOTAL CONTRACT COST					6,773	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)					373	
TOTAL REQUEST					7,145	
AREA COST FACTOR		.91				
10. Description of Proposed Construction: Replace 75 family housing units with attached or semi-attached garages in the Central housing areas. This project will also include neighborhood improvements. The existing units will be demolished. Housing units will include heating, cooling, appliances, garages, patios, and storage.						
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST	
JNCO 3BR	1200	.91	55	55	3,303,300	
SNCO 3BR	1350	.91	55	20	1,351,350	
				75	4,654,650	
11. PROJECT: Replace 75 junior enlisted and junior NCO family housing units. (Current Mission) REQUIREMENT: Project is required to provide adequate quarters for enlisted members and their families assigned to Patrick Air Force Base and Cape Canaveral Air Force Station. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. CURRENT SITUATION: The Patrick AFB units were constructed between 1952 and 1958. The built-up gravel roofs are over 15 years old and have deteriorated to where they must be replaced. The exterior walls are concrete and stucco and have developed cracks that allow water/moisture intrusion to the interiors. Many of the wood porch components have deteriorated and the porches have been removed to prevent a safety hazard to the occupants. The infrastructure (sewer, water, electrical) have deteriorated beyond economic repair. The plumbing, electrical and						

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
PATRICK AIR FORCE BASE, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	SXHT954005	
<p>heating/air condition systems inside the units have also deteriorated beyond economic repair. All units have asbestos in the tiles, walls, ceilings, and exterior, and all units contain lead base paint.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to be housed in unsatisfactory conditions, affecting morale and the retention of quality personnel. Ultimately, the mission of Patrick AFB would be degraded. The Air Force will continue to pay excessive maintenance and energy costs due to the age and deterioration of the existing building systems. The units will eventually become uninhabitable.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, replacement construction was found to be the most cost effective over the life of the project.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DO-A&L (AR) 1716	
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME PATRICK AIR FORCE BASE				b. LOCATION THREE MILES SOUTH OF COCOA BEACH, FLORIDA	
5. DATA AS OF MARCH 1991		ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT		PROJECTED	
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)
							E3-E1 (g)
							TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		667	2,431	447	3,545	665	2,448
7. PERMANENT PARTY PERSONNEL		667	2,431	447	3,545	665	2,448
8. GROSS FAMILY HOUSING REQUIREMENTS		500	1,791	167	2,458	499	1,716
9. TOTAL UNACCEPTABLE HOUSE (a + b + c)		29	208	7	242		
a. INVOLUNTARILY SEPARATED			4	3	7		
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED			105		105		
c. UNACCEPTABLE HOUSED IN COMMUNITY		29	97	4	130		
10. VOLUNTARY SEPARATIONS		9	95	10	114	9	94
11. EFFECTIVE HOUSING REQUIREMENTS		491	1,696	157	2,344	490	1,622
12. HOUSING ASSETS (a + b)		467	1,517	150	2,134	466	1,498
a. UNDER MILITARY CONTROL		168	1,245	140	1,553	168	1,248
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		167	1,222	140	1,529	168	1,248
(2) UNDER CONTRACT/APPROVED							
(3) VACANT		1	23		24		
(4) INACTIVE							
b. PRIVATE HOUSING		299	272	10	581	298	250
(1) ACCEPTABLY HOUSED		295	268	10	573		
(2) ACCEPTABLE VACANT RENTAL		4	4		8		
13. EFFECTIVE HOUSING DEFICIT		24	179	7	210	24	124
14. PROPOSED PROJECT							75
15. REMARKS (SPECIFY ITEM NUMBER)							
ITEM 6 - 13. BASIC DATA WERE EXTRACTED FROM THE HOUSING MARKET ANALYSIS OF MARCH 91.							

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST COST INDEX				
MOUNTAIN HOME AIR FORCE BASE, IDAHO				AIR COMBAT COMMAND			1.15				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		339	2826	449	58	55	15			3	3,745
b. End FY 1999		352	2767	491		6				3	3,619
7. INVENTORY DATA (\$000)											
a. Total Acreage: (10,057)											
b. Inventory Total As Of: (30 SEP 93) 194,868											
c. Authorization Not Yet In Inventory: 0											
d. Authorization Requested In This Program: 6,593											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 201,461											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START	Cmpl		
711-142	REPLACE FAMILY HOUSING			60 UN		5,712		TURN KEY			
711-142	CONSTRUCT SENIOR OFFICER HOUSING			4 UN		881		TURN KEY			
TOTAL:						6,593					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: An air intervention composite wing which includes F-16, F-15, and KC-135 aircraft.											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE																								
AIR FORCE																												
3. INSTALLATION AND LOCATION			4. PROJECT TITLE																									
MOUNTAIN HOME AIR FORCE BASE, IDAHO			CONSTRUCT SENIOR OFFICER HOUSING																									
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)																									
8.87.41	711-142	QYZH955007	881																									
9. COST ESTIMATES																												
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)																								
CONSTRUCT SENIOR OFFICER HOUSING	UN	4	123,284	493																								
SUPPORTING FACILITIES				302																								
SITE PREPARATION	LS			(50)																								
ROADS AND PAVING	LS			(75)																								
UTILITIES	LS			(60)																								
LANDSCAPING AND NEIGHBORHOOD IMPROVMENT	LS			(40)																								
GARAGES AND STORAGE	LS			(65)																								
DEMOLITION	LS			(12)																								
SUBTOTAL				795																								
CONTINGENCY (5%)				40																								
TOTAL CONTRACT COST				835																								
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				46																								
TOTAL REQUEST				881																								
AREA COST FACTOR		1.10																										
<p>10. Description of Proposed Construction: Construct one General Officer and three Senior Officer houses with all necessary support. Project includes double garages, air conditioning, storage, covered patios, fireplaces, and all amenities. Project also includes sitework to develop anew senior officer housing area, utilities, roads, parking, walkways, and landscaping.</p> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">UNIT TYPE</th> <th style="text-align: center;">NET AREA</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">\$/NSF</th> <th style="text-align: center;">NO. UNITS</th> <th style="text-align: right;">TOTAL COST</th> </tr> </thead> <tbody> <tr> <td>SGO 4BR</td> <td style="text-align: center;">1700</td> <td style="text-align: center;">1.21</td> <td style="text-align: center;">55</td> <td style="text-align: center;">3</td> <td style="text-align: right;">339,405</td> </tr> <tr> <td>GOQ 4BR</td> <td style="text-align: center;">2310</td> <td style="text-align: center;">1.21</td> <td style="text-align: center;">55</td> <td style="text-align: center;">1</td> <td style="text-align: right;">153,731</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">4</td> <td style="text-align: right;">493,136</td> </tr> </tbody> </table>					UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST	SGO 4BR	1700	1.21	55	3	339,405	GOQ 4BR	2310	1.21	55	1	153,731					4	493,136
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST																							
SGO 4BR	1700	1.21	55	3	339,405																							
GOQ 4BR	2310	1.21	55	1	153,731																							
				4	493,136																							
<p>11. PROJECT: Construct one General Officer and three Senior Officer houses. (Current Mission)</p> <p>REQUIREMENT: Provide modern and efficient four bedroom housing appropriate for family living and the entertainment responsibilities of the installation commander and senior command staff. The housing and housing environment must provide the amenities comparable to that found in off-base communities. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan.</p> <p>CURRENT SITUATION: The base has a shortage of adequate senior officer housing. Three senior officers are currently living in houses designated and required for field and company grade officers. Four existing Senior Officer Quarters are substandard and do not meet requirements. Use of Field/Company grade housing denies adequate housing to other personnel, but provides necessary housing for the critical senior staff. The</p>																												

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION MOUNTAIN HOME AIR FORCE BASE, IDAHO		
4. PROJECT TITLE CONSTRUCT SENIOR OFFICER HOUSING	5. PROJECT NUMBER QYZH955007	
<p>existing GOQ unit does not meet standards, nor can it feasibly be altered to do so. It was constructed in 1959 on concrete slab, with wood frame and flat roof. This GOQ (Installation Commander) unit is 1950 net sq ft, verses the authorized 2,310 net sq ft. Besides being too small, the house is poorly configured for day-to-day living and the entertainment responsibilities of the Commander. Site constraints have resulted in an extremely long, narrow (99ft x 28ft) house, with limited backyard privacy due to the shallow yard and close proximity of other houses. The house is in need of major upgrade and expansion to meet GOQ standards. Initial plans to improve and expand the house (approved in the FY 93 Improvement Program) were determined to be economically infeasible in the early stages of design. There simply is no place to logically add 360 sf of living area. There is no room at the front or rear of the house to accommodate an addition. Furthermore, due to structural constraints, any addition would necessitate complete replacement of the roof structure which greatly adds to the cost of renovation. The house is adequate to help satisfy an existing deficit of senior officer housing. The "whole house" improvements necessary for retention of the existing GOQ (as an SOQ) and remaining four SOQs will be addressed in a future program.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The base will continue to have substandard housing to support senior leadership. The small size of the housing will reflect poorly to the many dignitaries frequently entertained by the senior staff. One member of the senior staff will continue to live off-base, three will reside in quarters designated for other grades, and five (including one General Officer) will reside in substandard housing.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, improvement, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, replacement construction was found to be the most cost effective over the life of the project.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AF) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION							
5. DATA AS OF FEBRUARY 1993		a. NAME MT HOME AIR FORCE BASE, IDAHO			b. LOCATION MT HOME, IDAHO				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		372	2,244	589	3,205	424	2,432	639	3,495
7. PERMANENT PARTY PERSONNEL		372	2,244	589	3,205	424	2,432	639	3,495
8. GROSS FAMILY HOUSING REQUIREMENTS		260	1,702	167	2,129	297	1,844	182	2,323
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		10	79	20	109				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		10	79	20	109				
10. VOLUNTARY SEPARATIONS		0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING REQUIREMENTS		260	1,702	167	2,129	297	1,844	182	2,323
12. HOUSING ASSETS (a + b)		250	1,625	147	2,022	281	1,741	62	2,084
a. UNDER MILITARY CONTROL		144	1,151	137	1,432	144	1,288	0	1,432
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		144	1,151	137	1,432	144	1,288	0	1,432
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		106	474	10	590	137	453	62	652
(1) ACCEPTABLY HOUSED		106	472	10	588	135	446	61	642
(2) VACANT RENTAL HOUSING		0	2	0	2	2	7	1	10
13. EFFECTIVE HOUSING DEFICIT		10	77	20	107	16	103	120	239
14. PROPOSED PROJECT						4			4
15. REMARKS (SPECIFY ITEM NUMBER)									

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE		
AIR FORCE										
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX		
MOUNTAIN HOME AIR FORCE BASE, IDAHO				AIR COMBAT COMMAND				1.15		
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED		
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
a. As of 30 SEP 93		339	2826	449	58	55	15			3
b. End FY 1999		352	2767	491		6				3
		TOTAL								
		3,745								
		3,619								
7. INVENTORY DATA (\$000)										
a. Total Acreage: (10,057)										
b. Inventory Total As Of: (30 SEP 93) 194,868										
c. Authorization Not Yet In Inventory: 0										
d. Authorization Requested In This Program: 6,593										
e. Authorization Included In Following Program: (FY 1996) 0										
f. Planned In Next Three Program Years: 0										
g. Remaining Deficiency: 0										
h. Grand Total: 201,461										
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995										
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS		
CODE								START CMPL		
711-142		REPLACE FAMILY HOUSING		60 UN		5,712		TURN KEY		
711-142		CONSTRUCT SENIOR OFFICER HOUSING		4 UN		881		TURN KEY		
TOTAL:						6,593				
9a. Future Projects: Included in the Following Program (FY 1996) NONE										
9b. Future Projects: Typical Planned Next Three Years:										
10. Mission or Major Functions: An air intervention composite wing which includes F-16, F-15, and KC-135 aircraft.										

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE																		
3. INSTALLATION AND LOCATION MOUNTAIN HOME AIR FORCE BASE, IDAHO		4. PROJECT TITLE REPLACE FAMILY HOUSING																				
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 711-142	7. PROJECT NUMBER QYZH955003	8. PROJECT COST(\$000) 5,712																			
9. COST ESTIMATES																						
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)																		
REPLACE FAMILY HOUSING	UN	60	58,520	3,577																		
SOLAR	LS			(3,511)																		
SUPPORTING FACILITIES				(66)																		
SITE PREPARATION	LS			1,579																		
ROADS AND PAVING	LS			(404)																		
UTILITIES	LS			(300)																		
LANDSCAPING AND NEIGHBORHOOD IMPROVMNT	LS			(400)																		
RECREATION	LS			(155)																		
DEMOLITION, ASBESTOS & LEAD ABATEMENT	LS			(90)																		
SUBTOTAL				(230)																		
CONTINGENCY (5%)				5,156																		
TOTAL CONTRACT COST				258																		
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				5,414																		
TOTAL REQUEST				298																		
AREA COST FACTOR		1.10		5,712																		
<p>10. Description of Proposed Construction: Replace 60 housing units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, and construction of new single and duplex housing units. Provides normal amenities, to include parking, air conditioning, garages, patios and privacy fencing, and neighborhood playgrounds and recreation areas. Includes asbestos and lead paint removal and solar considerations.</p> <table style="width: 100%; margin-top: 10px;"> <tr> <th style="text-align: left;">UNIT TYPE</th> <th style="text-align: center;">NET AREA</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">\$/ NSF</th> <th style="text-align: center;">NO. UNITS</th> <th style="text-align: right;">TOTAL COST</th> </tr> <tr> <td>JNCO 2BR</td> <td style="text-align: center;">950</td> <td style="text-align: center;">1.12</td> <td style="text-align: center;">55</td> <td style="text-align: center;">60</td> <td style="text-align: right;">3,511,200</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">60</td> <td style="text-align: right;">3,511,200</td> </tr> </table>					UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST	JNCO 2BR	950	1.12	55	60	3,511,200					60	3,511,200
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST																	
JNCO 2BR	950	1.12	55	60	3,511,200																	
				60	3,511,200																	
<p>11. PROJECT: Replace 60 Family Housing units. (Current Mission) REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Mt Home AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This is the first of multiple phases to provide adequate housing for base personnel. The replacement housing will provide a modern kitchen, living room, family room, and bath configuration, with ample interior and exterior storage and a single car garage. Exterior parking will be provided for a second vehicle. The basic neighborhood support infrastructure will be upgraded to meet modern housing needs. Neighborhood enhancements will include landscaping, playground, and recreation areas. CURRENT SITUATION: This project replaces Capehart housing units which</p>																						

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MOUNTAIN HOME AIR FORCE BASE, IDAHO		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	QYZH955003	
<p>were constructed in 1959. These 36 year old houses are showing the affects of age and continuous heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. Roofs, walls, foundations and exterior pavements require major repair or replacement due to the effects of age and the environment. Pavements are showing signs of failure due to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are generally inadequate by any modern criteria. Bedrooms are small and lack adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient. Kitchens have inadequate storage and counter space, cabinets are old and unsightly, countertops and sinks are badly worn. Flooring throughout the house is outdated, and contains evidence of asbestos. Plumbing and electrical systems are outdated and require abnormal maintenance and repair. Electrical circuits do not meet National Electric Code requirements. Lighting systems throughout the houses are inefficient and do not meet modern needs. Exterior storage is inadequate. There are no patios for outside living/entertaining. Heating and air conditioning systems require upgrade or replacement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Major morale problems will result because some people will continue to occupy substandard housing while neighbors and friends are in upgraded units. The housing will continue to be occupied until it becomes uninhabitable because adequate, affordable off-base housing is not available. The current Housing Market Analyses for the base shows an on-base housing deficit. Without this and subsequent phases of this initiative, repairs of these units will continue out of necessity, in a costly, piecemeal fashion, with no improvement in living quality.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, improvement construction was found to be the most cost effective over the life of the project. However, since improvement costs exceed 70% of the replacement value, replacement was selected as the best option in accordance with current OSD and Congressional policy. Improvement costs represent 74% of updated FY95 Replacement costs.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME MT HOME AIR FORCE BASE, IDAHO				b. LOCATION MT HOME, IDAHO			
5. DATA AS OF FEBRUARY 1993									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		372	2,244	589	3,205	424	2,432	639	3,495
7. PERMANENT PARTY PERSONNEL		372	2,244	589	3,205	424	2,432	639	3,495
8. GROSS FAMILY HOUSING REQUIREMENTS		280	1,702	167	2,129	297	1,844	182	2,323
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		10	79	20	109				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		10	79	20	109				
10. VOLUNTARY SEPARATIONS		0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING REQUIREMENTS		280	1,702	167	2,129	297	1,844	182	2,323
12. HOUSING ASSETS (a + b)		250	1,625	147	2,022	281	1,741	62	2,084
a. UNDER MILITARY CONTROL		144	1,151	137	1,432	144	1,288	0	1,432
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		144	1,151	137	1,432	144	1,288	0	1,432
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		106	474	10	590	137	453	62	652
(1) ACCEPTABLY HOUSED		106	472	10	588	135	446	61	642
(2) VACANT RENTAL HOUSING		0	2	0	2	2	7	1	10
13. EFFECTIVE HOUSING DEFICIT		10	77	20	107	16	103	120	239
14. PROPOSED PROJECT							60		60
15. REMARKS (SPECIFY ITEM NUMBER)									

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION SCOTT AIR FORCE BASE, ILLINOIS						4. COMMAND AIR MOBILITY COMMAND		5. AREA CONST COST INDEX 1.14			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 93		2445	4450	2992	197	202	32	130	88	27	10,563
b. End FY 1999		2074	4163	2907	35	4	1	130	88	27	9,429
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,337)											
b. Inventory Total As Of: (30 SEP 93) 328,056											
c. Authorization Not Yet In Inventory: 32,710											
d. Authorization Requested In This Program: 30,000											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 390,766											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
<u>CODE</u>						<u>(\$000)</u>		<u>START</u>		<u>CMPL</u>	
711-142		REPLACE FAMILY HOUSING		300 UN		30,000		TURN KEY			
						TOTAL:		30,000			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Headquarters United States Transportation Command; Headquarters Air Mobility Command; Tanker/Airlift Control Center; Air Force Command, Control, Communications and Computer Agency; Air Weather Service; USAF Environmental Technical Applications Center; an airlift wing (C-9, C-12 and C-21 aircraft); an Air Force Reserve C-9 associate aeromedical airlift group; and a major USAF medical center. Also, a joint military/civil use airfield.											

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION SCOTT AIR FORCE BASE, ILLINOIS		4. PROJECT TITLE REPLACE FAMILY HOUSING			
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 711-142	7. PROJECT NUMBER VDYD954003	8. PROJECT COST (\$000) 30,000		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
REPLACE FAMILY HOUSING (PHASE III)	UN	300	100,000	30,000	
SUBTOTAL				30,000	
TOTAL CONTRACT COST				30,000	
TOTAL REQUEST				30,000	
AREA COST FACTOR		1.14			
10. Description of Proposed Construction: Replace Cardinal Creek Village family housing (Phase III) which are displaced as a result of construction of a commercial cargo runway at Scott Air Force Base, Illinois. This is a DoD and St. Clair County jointly funded project, and executed by St. Clair County.					
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST
SNCO 4BR	1443	1.05	66	300	29,999,970
				300	29,999,970
11. PROJECT: Replace Cardinal Creek Village family housing (Phase III). (Current Mission) <u>REQUIREMENT:</u> As directed by House Appropriations Committee (HAC) in the FY94 HAC Report (103-136), the AF new construction program includes a request of \$30 Million to complete the Cardinal Creek Village family housing replacement project. Congress authorized a total of \$60 Million in FY93, and appropriated \$20 Million and \$10 Million respectively in FY93 and FY94 for the project. The remaining \$30 Million was directed to be funded in FY95. <u>CURRENT SITUATION:</u> As part of an agreement made between the AF and St. Clair County for the joint use of runway at Scott AFB, the County will relocate and replace Cardinal Creek Village family housing to current DoD standards at a mutually agreed site near the base. Since non-federal interest must share in the replacement cost, Congress authorized the obligation and transfer to the county of the funds authorized and appropriated for the replacement of Cardinal Creek Village family housing.					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SCOTT AIR FORCE BASE, ILLINOIS		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	VDYD954003	
<p>The AF is in the process of transferring the FY93 (\$20 Million) and FY94 (\$10 Million) funds to St. Clair County.</p> <p><u>IMPACT IF NOT PROVIDED:</u> An additional deficit of 1,068 units will result if Cardinal Creek Village family housing is not replaced. This will compound the deficit problem. The base currently has an existing deficit of 572 units based on housing market analysis completed March, 1993.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DO-A&L (AR) 1716	
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME SCOTT AIR FORCE BASE				b. LOCATION BELLEVILLE ILLINOIS	
5. DATA AS OF MARCH, 1993		ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT		PROJECTED	
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)
6. TOTAL PERSONNEL STRENGTH		2,346	3,855	627	6,828	2,517	3,707
7. PERMANENT PARTY PERSONNEL		2,346	3,855	627	6,828	2,517	3,707
8. GROSS FAMILY HOUSING REQUIREMENTS		1,891	2,966	194	5,051	2,025	2,847
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		180	465	22	667		
a. INVOLUNTARILY SEPARATED		15	13	1	29		
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0		
c. UNACCEPTABLY HOUSED IN COMMUNITY		165	452	21	638		
10. VOLUNTARY SEPARATIONS		47	102	6	155	50	96
11. EFFECTIVE HOUSING REQUIREMENTS		1,844	2,864	188	4,896	1,975	2,751
12. HOUSING ASSETS (a + b)		1,717	2,442	169	4,328	1,831	2,354
a. UNDER MILITARY CONTROL		306	1,314	78	1,698	312	1,366
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		306	1,314	78	1,698	312	1,366
(2) UNDER CONTRACT/APPROVED						0	0
(3) VACANT		0	0	0	0		
(4) INACTIVE		0	0	0	0		
b. PRIVATE HOUSING		1,411	1,128	91	2,630	1,519	968
(1) ACCEPTABLY HOUSED		1,373	1,096	89	2,560		
(2) ACCEPTABLE VACANT RENTAL		38	30	2	70		
13. EFFECTIVE HOUSING DEFICIT		127	422	19	568	144	397
14. PROPOSED PROJECT							300
15. REMARKS (SPECIFY ITEM NUMBER)							
ITEM 6-13. BASIC DATA WERE EXTRACTED FROM HOUSING MARKET ANALYSIS MARCH 1993.							

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST				
MCCONNELL AIR FORCE BASE, KANSAS				AIR MOBILITY COMMAND			COST INDEX 0.99				
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		375	2687	360		88					3,510
b. End FY 1999		438	2808	371						10	3,627
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,103)											
b. Inventory Total As Of: (30 SEP 93) 283,853											
c. Authorization Not Yet In Inventory: 17,710											
d. Authorization Requested In This Program: 8,322											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 309,885											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
711-142		REPLACE FAMILY HOUSING		70 UN		8,322		TURN KEY			
						TOTAL:		8,322			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: An air refueling wing (KC-135 aircraft); an Air Combat Command bomb squadron (B-1 aircraft); and an Air National Guard fighter group (F-16 aircraft) which will convert to B-1B aircraft.											

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION MCCONNELL AIR FORCE BASE, KANSAS				4. PROJECT TITLE REPLACE FAMILY HOUSING		
5. PROGRAM ELEMENT 8.87.41		6. CATEGORY CODE 711-142	7. PROJECT NUMBER PRQE959013		8. PROJECT COST (\$000) 8,322	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
REPLACE FAMILY HOUSING, PHASE 1		UN	70	65,494	4,585	
SUPPORTING FACILITIES					2,928	
SITE PREPARATION		LS			(420)	
ROADS AND PAVING		LS			(228)	
UTILITIES		LS			(350)	
LANDSCAPING AND NEIGHBORHOOD IMPROVMT		LS			(114)	
RECREATION		LS			(80)	
GARAGES, STORAGE, TORNADO SHELTERS		LS			(1,219)	
DEMOLITION (INCLUDES ASBESTOS & LBP)		LS			(518)	
SUBTOTAL					7,513	
CONTINGENCY (5%)					376	
TOTAL CONTRACT COST					7,889	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)					434	
TOTAL REQUEST					8,322	
AREA COST FACTOR					.92	
10. Description of Proposed Construction: Replace 70 housing units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, and construction of new single and duplex housing units. All required support, to include parking, air conditioning, garages, pavements, patios, privacy fencing, tornado shelters, neighborhood playgrounds, and recreation areas. Asbestos and lead base paint removal.						
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST	
JNCO 2BR	950	.91	55	11	523,023	
SNCO 3BR	1350	.91	55	32	2,162,160	
SNCO 4BR	1450	.91	55	12	870,870	
CGO 3BR	1350	.91	55	12	810,810	
CGO 4BR	1450	.91	55	3	217,718	
				70	4,584,581	
11. PROJECT: Replace 70 Family Housing units. (Current Mission) REQUIREMENT: This project is required to provide adequate Military Family Housing to support military members and their families assigned to McConnell AFB. All units will meet "whole-house" standards and are programmed in accordance with the Housing Community Plan. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This is the first of multiple phases to provide adequate housing for base personnel. There are a total of 487 units that will be upgraded or replaced in this multi-phased initiative. The replacement housing will provide a modern kitchen, living room, family room, and bath configuration, with ample						

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MCCONNELL AIR FORCE BASE, KANSAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	PRQE959013	
<p>interior and exterior storage and a single car garage. Exterior parking will be provided for a second vehicle. The basic neighborhood support structure will be upgraded to meet modern housing needs. Neighborhood enhancements include landscaping and recreation areas. Construction must include tornado shelters for occupant safety.</p> <p><u>CURRENT SITUATION:</u> This project replaces Capehart housing units which are over 36 years old and are showing the affects of age and continuous heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. "Whole house" renovation costs exceed 80% of replacement costs. The only feasible option for providing adequate housing is to demolish the existing units and construct replacement housing. Concrete carport pads and walks are cracking and heaving, and carport support posts are rotting. The exterior brick veneer is cracking due to foundation failure. Settlement has allowed termite intrusion, and extensive termite damage is evident. Housing interiors are generally inadequate by any modern criteria. Bedrooms are small and lack adequate closet space. Kitchens have inadequate storage and counter space, cabinets are old and unsightly, countertops and sinks are badly worn. Flooring throughout the house is outdated. Bathroom plumbing and fixtures require replacement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Lighting systems throughout the houses are inefficient and do not meet modern needs. Off street parking is severely limited causing traffic congestion. Traffic flow in and around the housing area is inefficient. The units contain asbestos and lead paint which can be a health hazardous to the occupants.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to live in extremely outdated, substandard and unsatisfactory housing. This housing will continue to be occupied until it becomes uninhabitable because adequate, affordable off-base housing is not available. The current Housing Market Analysis shows a deficit of over 632 units. Without this and subsequent phases of this initiative, repairs of these units will continue out of necessity, in a costly, piecemeal fashion, with no improvement in living quality.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, replacement construction was found to be the most cost effective over the life of the project. Improvement costs exceed 80% of updated FY95 replacement estimates.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION							
5. DATA AS OF NOVEMBER 1992		a. NAME MC CONNEL AIR FORCE BASE, KANSAS		b. LOCATION WICHITA, KANSAS					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		418	2,082	578	3,078	378	1,884	522	2,784
7. PERMANENT PARTY PERSONNEL		418	2,082	578	3,078	378	1,884	522	2,784
8. GROSS FAMILY HOUSING REQUIREMENTS		318	1,635	196	2,149	288	1,608	191	2,087
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		15	503	91	609				
a. INVOLUNTARILY SEPARATED		0	5	2	7				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		15	498	89	602				
10. VOLUNTARY SEPARATIONS		1	26	4	31	1	25	4	30
11. EFFECTIVE HOUSING REQUIREMENTS		317	1,609	192	2,118	287	1,583	187	2,057
12. HOUSING ASSETS (a + b)		308	1,233	103	1,644	272	1,069	84	1,425
a. UNDER MILITARY CONTROL		96	493	0	589	96	493	0	589
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		95	493	0	589	96	493	0	589
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		1	7	0	8				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		212	740	103	1,055	176	576	84	836
(1) ACCEPTABLY HOUSED		207	722	101	1,030	172	564	82	818
(2) ACCEPTABLE VACANT RENTAL		5	18	2	25	4	12	2	18
13. EFFECTIVE HOUSING DEFICIT		9	378	89	474	15	514	103	632
14. PROPOSED PROJECT						15	55		70
15. REMARKS (SPECIFY ITEM NUMBER)									
ITEMS 6-13: INFORMATION REPORTED IN THIS TABLE ARE TAKEN FROM THE HOUSING MARKET ANALYSIS DATED NOVEMBER 1992									

1. COMPONENT AJR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION BARKSDALE AIR FORCE BASE, LOUISIANA				4. COMMAND			5. AREA CONST COST INDEX 0.84				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		907	4789	1092		509		1	6	12	7,304
b. End FY 1999		955	4955	1255				38	362	12	7,577
7. INVENTORY DATA (\$000)											
a. Total Acreage: (22,382)											
b. Inventory Total As Of: (30 SEP 93) 218,005											
c. Authorization Not Yet In Inventory: 34,740											
d. Authorization Requested In This Program: 8,236											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 260,981											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST	DESIGN STATUS			
CODE							(\$000)	START		CMPL	
711-142		REPLACE FAMILY HOUSING			82 UN		8,236	TURN KEY			
							TOTAL:	8,236			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Headquarters Eighth Air Force; a flying wing which includes two B-52 squadrons; Air Mobility Command air refueling operations group (KC-10 and KC-135 aircraft); and Air Force Reserve fighter wing (A-10 and OA-10 aircraft), B-52 associate bomb group, and KC-10 associate air refueling group.											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
BARKSDALE AIR FORCE BASE, LOUISIANA			REPLACE FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
8.87.41	711-142	AWUB955101	8,236		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
REPLACE FAMILY HOUSING (PHASE 2)	UN	82	63,113	5,175	
SUPPORTING FACILITIES				2,260	
SITE PREPARATION	LS			(200)	
ROADS AND PAVING	LS			(348)	
UTILITIES	LS			(370)	
LANDSCAPING AND NEIGHBORHOOD IMPROVMT	LS			(140)	
RECREATION	LS			(124)	
GARAGES AND STORAGE	LS			(586)	
ARCHITECTURAL COMPATIBILITY	LS			(492)	
SUBTOTAL				7,435	
CONTINGENCY (5%)				372	
TOTAL CONTRACT COST				7,807	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				429	
TOTAL REQUEST				8,236	
AREA COST FACTOR		.86			
10. Description of Proposed Construction: Replace 41 duplex Military Family Housing units with all necessary supporting facilities including: demolition, garages, patios, fencing, utilities, air conditioning, appliances, exterior storage, site preparation, roads, parking, sidewalks, basketball court, playground, tot lots, pavilion, trails, recreational vehicle storage, landscaping, and all other necessary support facilities.					
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST
JNCO 4BR	1350	.85	55	42	2,650,725
SNCO 3BR	1350	.85	55	15	946,688
CGO 3BR	1350	.85	55	25	1,577,813
				82	5,175,226
11. <u>PROJECT</u> : Replace 41 duplex Family Housing units. (Current Mission) <u>REQUIREMENT</u> : This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Barksdale AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. This is the second of multiple phases to provide adequate housing for base personnel. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. The units will provide a modern kitchen, living room, family room, and bath configuration, with ample interior and exterior storage and a single car garage. Exterior parking will be provided for a second vehicle. The neighborhood support infrastructure will be upgraded to meet modern housing needs. Neighborhood enhancements will include landscaping,					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
BARKSDALE AIR FORCE BASE, LOUISIANA		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	AWUB955101	
<p>playgrounds, and recreation areas. This project is programmed in accordance with the Housing Community Plan.</p> <p><u>CURRENT SITUATION:</u> This initiative replaces Wherry housing units which were declared uninhabitable due to condition and have already been demolished. The result is a severe shortage of housing on the base. According to the most recent Housing Market Analysis, a substantial number of families are unsuitably housed. Investigations determined that these families either live in housing below DoD standards, or in housing meeting DoD standards BUT exceeding their maximum housing allowance. The base has a deficit of 1486 units.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The base will continue to have a shortage of on-base housing which forces families to live in unsuitable off-base housing which exceeds allowances and causes financial hardship.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of replacement construction, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, replacement construction was found to be the most cost effective over the life of the project. Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME		b. LOCATION					
5. DATA AS OF JULY 1991		BARKSDALE AIR FORCE BASE, LOUISIANA		SHREVEPORT, LOUISIANA					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		1,036	3,670	1,006	5,712	893	3,330	1,328	5,551
7. PERMANENT PARTY PERSONNEL		1,036	3,670	1,006	5,712	893	3,330	1,328	5,551
8. GROSS FAMILY HOUSING REQUIREMENTS		819	2,935	353	4,107	703	2,659	459	3,821
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		138	1,002	171	1,311				
a. INVOLUNTARILY SEPARATED		4	4	5	13				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		134	998	166	1,298				
10. VOLUNTARY SEPARATIONS		8	132	16	156				
11. EFFECTIVE HOUSING REQUIREMENTS		811	2,803	337	3,951	695	2,539	437	3,671
12. HOUSING ASSETS (a + b)		582	1,844	171	2,607	578	1,433	174	2,185
a. UNDER MILITARY CONTROL		105	324	0	429	105	324	0	429
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		105	324	0	429	105	324	0	429
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		487	1,520	171	2,178	473	1,109	174	1,756
(1) ACCEPTABLY HOUSED		476	1,485	166	2,127	461	1,075	167	1,703
(2) ACCEPTABLE VACANT RENTAL		11	35	5	51	12	34	7	53
13. EFFECTIVE HOUSING DEFICIT		219	959	166	1,344	117	1,106	263	1,486
14. PROPOSED PROJECT						25	57		82
15. REMARKS (SPECIFY ITEM NUMBER)									

ITEMS 1-13: INFORMATION REPORTED IN THIS TABLE IS TAKEN FROM THE HOUSING MARKET ANALYSIS DATED JULY 1991

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION WHITEMAN AIR FORCE BASE, MISSOURI			4. PROJECT TITLE CONSTRUCT HOUSING MANAGEMENT OFFICE	
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 610-119	7. PROJECT NUMBER YWHG941004	8. PROJECT COST(\$000) 567	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
CONSTRUCT HOUSING MANAGEMENT OFFICE	SF	3,605	110	397
SUPPORTING FACILITIES				114
DEMOLITION	LS			(7)
SITE IMPROVEMENTS	LS			(11)
UTILITIES	LS			(30)
PAVEMENTS	LS			(16)
SYSTEMS FURNISHINGS	WS	10	4,000	(40)
LANDSCAPING	LS			(10)
SUBTOTAL				511
CONTINGENCY (5%)				26
TOTAL CONTRACT COST				537
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				30
TOTAL REQUEST				567
AREA COST FACTOR		1.11		
<p>10. Description of Proposed Construction: Construct office including foundation; frame construction; HVAC system; parking lot with paved access; sidewalks; lighting; landscaping; entrance foyer; conference room; semiprivate areas; private offices for the Housing Manager, Assistant, and Facilities Chief; children's playroom; break area; and an exterior playground area. This project includes demolition of existing building. Air Conditioning: 10 Tons.</p>				
<p>11. REQUIREMENT: 3,605 SF ADEQUATE: 0 SUBSTANDARD: 1,656 SF <u>PROJECT:</u> Construct Housing Management Office. (Current Mission) <u>REQUIREMENT:</u> Provide administrative and counseling space for the management of 978 housing units. Must be conveniently located for accessibility by housing occupants and newly arriving personnel. Must include space for private counseling, offices, lounge/waiting area, conference room, and play area for children of parents awaiting service by housing personnel. Facility must also have adequate parking and include provisions for access by the handicapped. Connection of WIMS equipment to the Defense Data Network (DDN) is required. <u>CURRENT SITUATION:</u> This 30-year old wooden structure has insufficient office space to accommodate the functions of the Housing Management Office. The waiting area has a capacity to hold only six people. The one existing private office is too small to be effectively used as an office or counseling area. The Referral Officer does not have a private office, and the remaining office areas do not provide sufficient space for assigned personnel. Storage is also grossly inadequate for supplies. There is no activity area for children. Paved off-street parking is not available, and on-street parking is limited. The existing inadequate facility will be demolished as a part of this project.</p>				

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
WHITEMAN AIR FORCE BASE, MISSOURI		
4. PROJECT TITLE	5. PROJECT NUMBER	
CONSTRUCT HOUSING MANAGEMENT OFFICE	YWHG941004	
<p><u>IMPACT IF NOT PROVIDED:</u> Service to the 3,390 military personnel who process through and utilize the Housing Management Office will continue to be hampered by an inadequate facility. While every effort will be made to provide quality support to all personnel, the crowded space in which to greet and process individuals will severely limit the ability to provide desired service. The facility appearance and crowded conditions also give an extremely poor impression of the base to new arrivals.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)					2. DATE					
3. INSTALLATION AND LOCATION CANNON AIR FORCE BASE, NEW MEXICO					4. COMMAND AIR COMBAT COMMAND					5. AREA CONST COST INDEX 0.95	
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 93		541	4178	460	32	17	4	1	1		5,234
b. End FY 1999		543	4501	498	32	17	4	1	1		5,597
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,818)											
b. Inventory Total As Of: (30 SEP 93)										182,312	
c. Authorization Not Yet In Inventory:										4,100	
d. Authorization Requested In This Program:										230	
e. Authorization Included In Following Program: (FY 1996)										0	
f. Planned In Next Three Program Years:										0	
g. Remaining Deficiency:										31,632	
h. Grand Total:										218,274	
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE				SCOPE		COST (\$000)	DESIGN STATUS		
<u>CODE</u>									<u>START</u>	<u>CMPL</u>	
711-142		REPLACE GENERAL OFFICER HOUSING				1 UN	230		TURN KEY		
TOTAL:								230			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: A fighter wing which includes three F-111 fighter squadrons, a fighter training squadron responsible for training all F-111 aircrews, and an electronic combat squadron (EF-111 aircraft).											

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE																		
3. INSTALLATION AND LOCATION CANNON AIR FORCE BASE, NEW MEXICO		4. PROJECT TITLE REPLACE GENERAL OFFICER HOUSING																				
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 711-142	7. PROJECT NUMBER CZQZ930177	8. PROJECT COST(\$000) 230																			
9. COST ESTIMATES																						
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)																		
FAMILY HOUSING																						
REPLACE GENERAL OFFICER HOUSING	UN	1	153,731	156 (154)																		
SOLAR	LS			(2)																		
SUPPORTING FACILITIES																						
SITE PREPARATION	LS			52 (10)																		
ROADS AND PAVING	LS			(5)																		
UTILITIES	LS			(3)																		
LANDSCAPING	LS			(7)																		
GARAGE AND STORAGE	LS			(12)																		
DEMOLITION (INCLUDES ASBESTOS & LBP)	LS			(15)																		
SUBTOTAL				208																		
CONTINGENCY (5%)				10																		
TOTAL CONTRACT COST				218																		
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				12																		
TOTAL REQUEST				230																		
AREA COST FACTOR		1.10																				
<p>10. Description of Proposed Construction: Replacement of one GOQ unit. Includes demolition, site clearing, replacement/upgrade of utility system and roads, and construction of new single family unit with double garage. Provides normal amenities to include parking, air conditioning, exterior patio, and privacy fencing. Includes asbestos and lead-based paint removal.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><u>UNIT TYPE</u></td> <td style="text-align: center;"><u>NET AREA</u></td> <td style="text-align: center;"><u>PROJECT FACTOR</u></td> <td style="text-align: center;"><u>\$/NSF</u></td> <td style="text-align: center;"><u>NO. UNITS</u></td> <td style="text-align: center;"><u>TOTAL COST</u></td> </tr> <tr> <td style="text-align: center;">GOQ 4BR</td> <td style="text-align: center;">2310</td> <td style="text-align: center;">1.21</td> <td style="text-align: center;">55</td> <td style="text-align: center;">1</td> <td style="text-align: center;">153,731</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">153,731</td> </tr> </table>					<u>UNIT TYPE</u>	<u>NET AREA</u>	<u>PROJECT FACTOR</u>	<u>\$/NSF</u>	<u>NO. UNITS</u>	<u>TOTAL COST</u>	GOQ 4BR	2310	1.21	55	1	153,731					1	153,731
<u>UNIT TYPE</u>	<u>NET AREA</u>	<u>PROJECT FACTOR</u>	<u>\$/NSF</u>	<u>NO. UNITS</u>	<u>TOTAL COST</u>																	
GOQ 4BR	2310	1.21	55	1	153,731																	
				1	153,731																	
<p>11. PROJECT: Replace one General Officer Housing unit. (Current Mission) REQUIREMENT: This project is required to provide modern and efficient replacement housing for the General Officer Quarters at Cannon AFB. The unit will meet "whole house" standards and will be appropriate for the living and entertainment responsibilities of the Installation Commander. The replacement house will provide a modern kitchen, living room, dining room, family room, and bath configuration with ample interior and exterior storage and covered parking for two cars. Both interior and exterior living areas will be designed to provide adequate entertainment space. CURRENT SITUATION: No major work has been done to this unit since it was built in 1956. The kitchen cabinets, floors, walls, and ceilings are worn and in need of replacement. The floor plan is inadequate. Kitchen is very narrow, and dining area is too small. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Electrical circuits do not meet National Electric Code standards.</p>																						

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CANNON AIR FORCE BASE, NEW MEXICO		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE GENERAL OFFICER HOUSING	CZQZ930177	
<p>Lighting systems throughout the house are inefficient and do not meet modern standards. The heating and air conditioning system require upgrade or replacement. House interior is inadequate--especially for a General Officer. Bedrooms are small and do not have adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient.</p> <p><u>IMPACT IF NOT PROVIDED:</u> This Installation Commander will continue to occupy an unattractive, non-functional home. The condition of this home will detract from the social responsibilities required of a commander to entertain visiting dignitaries. The base will incur increasing and unacceptable maintenance and repair costs as efforts are made to keep the house habitable and presentable.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was originally found to be the most cost effective over the life of the project. However, since revitalization costs exceeded 70% of replacement value, replacement was selected as the best option in accordance with current OSD and Congressional policy.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1718			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME CANNON AIR FORCE BASE, NEW MEXICO				b. LOCATION SEVEN MILES WEST OF CLOVIS, NEW MEXICO			
5. DATA AS OF JANUARY 1992									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		434	2,369	835	3,658	575	3,395	1,386	5,356
7. PERMANENT PARTY PERSONNEL		434	2,369	869	3,692	575	3,395	1,386	5,356
8. GROSS FAMILY HOUSING REQUIREMENTS		188	1,356	275	1,819	384	2,624	483	3,501
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		3	27	47	77				
a. INVOLUNTARILY SEPARATED		1	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		2	27	47	76				
10. VOLUNTARY SEPARATIONS		1	63	0	64	1	93	0	94
11. EFFECTIVE HOUSING REQUIREMENTS		187	1,293	275	1,755	383	2,531	483	3,407
12. HOUSING ASSETS (a + b)		191	1,290	300	1,781	357	1,942	331	2,630
a. UNDER MILITARY CONTROL		149	1,012	50	1,211	249	1,062	50	1,361
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		149	1,012	50	1,211	249	1,062	50	1,361
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		42	278	250	570	108	880	281	1,269
(1) ACCEPTABLY HOUSED		35	254	225	514	102	865	256	1,223
(2) VACANT RENTAL HOUSING		7	24	25	56	6	15	25	46
13. EFFECTIVE HOUSING DEFICIT		(4)	3	(25)	(26)	26	589	162	777
14. PROPOSED PROJECT						1			1
15. REMARKS (SPECIFY ITEM NUMBER)									

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST COST INDEX				
HOLLOMAN AIR FORCE BASE, NEW MEXICO				AIR COMBAT COMMAND			1.06				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		555	4031	976	181	150	12	7	8	61	5,981
b. End FY 1999		486	3965	1041	6	34	2	26	239	397	6,196
7. INVENTORY DATA (\$000)											
a. Total Acreage: (58,565)											
b. Inventory Total As Of: (30 SEP 93) 337,786											
c. Authorization Not Yet In Inventory: 30,220											
d. Authorization Requested In This Program: 7,733											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 375,739											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
711-142		REPLACE FAMILY HOUSING		76 UN		7,733		TURN KEY			
				TOTAL:		7,733					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: A fighter wing with three F-117 squadrons one of which is responsible for training all F-117 aircrews, and a combat air rescue detachment (HH-60 helicopters); a mobility support squadron (maintains the Harvest Bare kit); an Air Force Materiel Command test group; a German Air Force fighter training squadron (F-4 aircraft); and an Air National Guard fighter interceptor detachment (F-16 aircraft).											

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HOLLOMAN AIR FORCE BASE, NEW MEXICO		4. PROJECT TITLE REPLACE FAMILY HOUSING			
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 711-142	7. PROJECT NUMBER KWRD953008	8. PROJECT COST (\$000) 7,733		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
REPLACE FAMILY HOUSING (PHASE 2)	UN	76	65,929	5,011	
SUPPORTING FACILITIES				1,970	
SITE PREPARATION	LS			(180)	
ROADS AND PAVING	LS			(370)	
UTILITIES	LS			(360)	
LANDSCAPING AND NEIGHBORHOOD IMPROVMNT	LS			(100)	
RECREATION	LS			(100)	
MULTIPLEX FIRE PROTECTION	LS			(360)	
DEMOLITION (INCLUDES ASBESTOS & LBP)	LS			(500)	
SUBTOTAL				6,981	
CONTINGENCY (5%)				349	
TOTAL CONTRACT COST				7,330	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				403	
TOTAL REQUEST				7,733	
AREA COST FACTOR		1.01			
10. Description of Proposed Construction: Replace 76 housing units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, and construction of new multi-plex units. Provides normal amenities to include parking, air conditioning, carports, patios and privacy fencing, neighborhood playgrounds, and recreation areas. Includes asbestos and lead-based paint removal. Includes fire sprinkler systems.					
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST
JNCO 2BR	950	1.01	55	4	211,090
JNCO 3BR	1200	1.01	55	72	4,799,520
				76	5,010,610
11. PROJECT: Replace 76 Family Housing units. (Current Mission) REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Holloman AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. The is the second of multiple phases of an intitiave to provide adequate housing for base personnel. Of the units requiring upgrade or replacement in this initiative, 131 have been programmed in prior years. The replacement housing will provide a modern kitchen, living room, and bath configuration with ample interior and exterior storage and a carport for one car. Exterior, off-street parking will be provided for a second vehicle. The basic neighborhood support infrastructure will be upgraded to meet modern					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
HOLLOMAN AIR FORCE BASE, NEW MEXICO		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	KWRD953008	
<p>housing needs. Neighborhood improvements include landscaping and recreation areas.</p> <p>CURRENT SITUATION: This project replaces Appropriated housing units which were constructed in the late 1960s/early 1970s. These houses are showing the effects of age and continuous heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. Walls, foundations, and exterior pavements require major repair or replacement due to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Electrical circuits do not meet National Electric Code requirements. Lighting systems throughout the houses are inefficient and do not meet modern needs. Heating and air conditioning systems require upgrade or replacement. Housing interiors are generally inadequate by any modern criteria. Bedrooms are small and lack adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient. Kitchens have inadequate storage and space, cabinets are old and unsightly, countertops and sinks are badly worn. Flooring throughout the house is outdated.</p> <p>IMPACT IF NOT PROVIDED: Morale problems will result since many people will continue to occupy substandard housing. The housing units will continue to be occupied until they become uninhabitable because adequate, affordable off-base housing is not available. The current Housing Market Analysis shows a deficit of housing for Junior NCOs. Without this and subsequent phases of this initiative, repairs to these units will continue out of necessity in a costly, piecemeal fashion, with no improvement in living quality.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based upon the net present values and benefits of the respective alternatives, revitalization was originally found to be the most cost effective over the life of the project. However, since revitalization costs exceeded 70% of the replacement value of the houses, replacement was selected as the best option in accordance with current OSD and Congressional policy. Improvement costs represent 70.2% of updated FY95 Replacement estimates.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-AHL (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION		5. LOCATION					
5. DATA AS OF SEPT 1992		a. NAME HOLLOMAN AIR FORCE BASE, NEW MEXICO		ALAMAGORDO, NEW MEXICO					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		519	3,257	1,279	5,055	535	2,634	1,401	4,570
7. PERMANENT PARTY PERSONNEL		494	3,257	1,279	5,030	505	2,548	1,354	4,407
8. GROSS FAMILY HOUSING REQUIREMENTS		388	2,564	212	3,164	381	1,873	269	2,523
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		6	165	19	190				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		6	165	19	190				
10. VOLUNTARY SEPARATIONS		0	0	0	0	8	64	12	84
11. EFFECTIVE HOUSING REQUIREMENTS		388	2,564	212	3,164	373	1,809	257	2,439
12. HOUSING ASSETS (a + b)		393	2,395	217	3,005	393	2,395	217	3,005
a. UNDER MILITARY CONTROL		191	1,360	0	1,551	191	1,360	0	1,551
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		189	1,173	0	1,362	191	1,360	0	1,551
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		2	187	0	189				
b. PRIVATE HOUSING		202	1,035	217	1,454	202	1,035	217	1,454
(1) ACCEPTABLY HOUSED		193	1,226	193	1,388				
(2) ACCEPTABLE VACANT RENTAL		9	33	24	66				
13. EFFECTIVE HOUSING DEFICIT		(5)	169	(5)	159	(20)	(566)	40	(566)
14. PROPOSED PROJECT							76		76
15. REMARKS (SPECIFY ITEM NUMBER)									

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST			
KIRTLAND AIR FORCE BASE, NEW MEXICO				AIR FORCE				COST INDEX			
				MATERIEL COMMAND				1.02			
6. PERSONNEL		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		1227	3213	2249	101	262	101	89	170	120	7,532
b. End FY 1999		1300	2935	2332	43	98	33	89	152	120	7,102
7. INVENTORY DATA (\$000)											
a. Total Acreage: (44,025)											
b. Inventory Total As Of: (30 SEP 93) 433,138											
c. Authorization Not Yet In Inventory: 12,150											
d. Authorization Requested In This Program: 10,058											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 455,346											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
711-142	REPLACE FAMILY HOUSING	106 UN				10,058	TURN KEY				
TOTAL:						10,058					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Phillips Laboratory; the Air Force Operational Test and Evaluation Center; an Air Education and Training Command crew training wing with two flying training squadrons (MH-53, TH-53, UH-1, and MH-60 helicopters, and MC-130 and HC-130 aircraft); Air Force Security Police Agency; and an Air National Guard fighter group (F-16aircraft). Major tenants include Naval Weapons Evaluation Facility and Sandia National Laboratory.											

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE																															
3. INSTALLATION AND LOCATION KIRTLAND AIR FORCE BASE NEW MEXICO			4. PROJECT TITLE REPLACE FAMILY HOUSING																																
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 711-142	7. PROJECT NUMBER MHMV943016NC	8. PROJECT COST (\$000) 10,058																																
9. COST ESTIMATES																																			
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)																														
REPLACE FAMILY HOUSING		UN	106	59,330	6,289																														
SUPPORTING FACILITIES					2,791																														
SITE PREPARATION		LS			(651)																														
ROADS AND PAVING		LS			(500)																														
UTILITIES		LS			(560)																														
LANDSCAPING		LS			(130)																														
RECREATION		LS			(150)																														
DEMOLITION AND ASBESTOS REMOVAL		LS			(800)																														
SUBTOTAL					9,080																														
CONTINGENCY (5%)					454																														
TOTAL CONTRACT COST					9,534																														
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)					524																														
TOTAL REQUEST					10,058																														
AREA COST FACTOR			.92																																
<p>10. Description of Proposed Construction: Construct 106 JNCO family housing units. Project consists of demolition of existing housing, asbestos removal, and construction of replacement units with associated carports. Provide patios with privacy fences, storage areas, and trash can enclosures. Site preparation support includes utility repair, landscaping, community development, and street repair.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">UNIT TYPE</th> <th style="text-align: center;">NET AREA</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">\$/ NSF</th> <th style="text-align: center;">NO. UNITS</th> <th style="text-align: right;">TOTAL COST</th> </tr> </thead> <tbody> <tr> <td>JNCO 2BR</td> <td style="text-align: center;">950</td> <td style="text-align: center;">.90</td> <td style="text-align: center;">55</td> <td style="text-align: center;">21</td> <td style="text-align: right;">987,525</td> </tr> <tr> <td>JNCO 3BR</td> <td style="text-align: center;">1200</td> <td style="text-align: center;">.90</td> <td style="text-align: center;">55</td> <td style="text-align: center;">51</td> <td style="text-align: right;">3,029,400</td> </tr> <tr> <td>JNCO 4BR</td> <td style="text-align: center;">1350</td> <td style="text-align: center;">.90</td> <td style="text-align: center;">55</td> <td style="text-align: center;">34</td> <td style="text-align: right;">2,272,050</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">106</td> <td style="text-align: right;">6,288,975</td> </tr> </tbody> </table>						UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST	JNCO 2BR	950	.90	55	21	987,525	JNCO 3BR	1200	.90	55	51	3,029,400	JNCO 4BR	1350	.90	55	34	2,272,050					106	6,288,975
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST																														
JNCO 2BR	950	.90	55	21	987,525																														
JNCO 3BR	1200	.90	55	51	3,029,400																														
JNCO 4BR	1350	.90	55	34	2,272,050																														
				106	6,288,975																														
<p>11. <u>PROJECT</u>: Replace 106 JNCO family housing units. (Current Mission)</p> <p><u>REQUIREMENT</u>: This project is required to provide modern and efficient replacement housing for military members and their dependents. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan.</p> <p><u>CURRENT SITUATION</u>: These units were constructed in 1949 and have received only routine maintenance and repair since construction. These units are undersized, energy inefficient, and would require a complete floor plan change to meet modern day standards. The fixtures in the bathrooms and kitchens are no longer reparable and must be replaced. The units lack common features found in homes off-base such as family rooms and master baths. The flat roofs require frequent emergency stop-gap maintenance. Asbestos is present in the flooring, insulation, interior walls, and</p>																																			

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
KIRTLAND AIR FORCE BASE NEW MEXICO		
4. PROJECT TITLE		5. PROJECT NUMBER
REPLACE FAMILY HOUSING		MHMOV943016NC
<p>roofing of each of these units. Lead-based paint is present on both the interior and exterior of the units. The neighborhood is too dense, leaving precious little privacy for families. These units have outlived their useful life; replacement is the most logical method to provide acceptable housing for these junior enlisted members and their families.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to live in unacceptable, over-crowded conditions. Asbestos will remain in the units possibly exposing people to a known dangerous substance. Operations and maintenance of the existing units will continue at a costly rate due to deterioration of building systems and inadequate energy conservation design in the original construction.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost effective over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Due to health, safety, and environmental concerns, 69 units to be replaced as part of this project will be demolished by a FY94 Maintenance and Repair project. The remaining units, for a total of 106 units, will be demolished by this replacement project.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L(AR)1718			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION				5. DATA AS OF MARCH 1993			
		a. NAME KIRTLAND AIR FORCE BASE NEW MEXICO		b. LOCATION ALBUQUERQUE					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		1,186	2,588	588	4,362	1,327	2,289	520	4,136
7. PERMANENT PARTY PERSONNEL		1,186	2,588	588	4,362	1,327	2,289	520	4,136
8. GROSS FAMILY HOUSING REQUIREMENTS		962	2,041	185	3,188	1,071	1,794	162	3,027
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		151	125	8	284				
a. INVOLUNTARILY SEPARATED		5	14	1	20				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLE HOUSED IN COMMUNITY		146	111	7	264				
10. VOLUNTARY SEPARATIONS		4	46	4	54	6	40	3	49
11. EFFECTIVE HOUSING REQUIREMENTS *		958	1,995	181	3,134	1,065	1,754	159	2,978
12. HOUSING ASSETS (a + b)		870	1,908	176	2,952	970	1,702	159	2,831
a. UNDER MILITARY CONTROL		354	1,610	157	2,121	354	1,610	157	2,121
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		354	1,610	157	2,121	354	1,610	157	2,121
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		516	296	19	831	616	92	2	710
(1) ACCEPTABLY HOUSED		453	260	16	729				
(2) ACCEPTABLE VACANT RENTAL		63	36	3	102				
13. EFFECTIVE HOUSING DEFICIT		88	89	5	182	95	52	0	147
14. PROPOSED PROJECT							106		106
15. REMARKS									

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION POPE AIR FORCE BASE, NORTH CAROLINA				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.80				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 93		672	4017	449	23	46	48	9	157	43	5,464
b. End FY 1999		534	3745	374		5		11	113	23	4,805
7. INVENTORY DATA (\$000)											
a. Total Acreage: (1,913)											
b. Inventory Total As Of: (30 SEP 93) 108,380											
c. Authorization Not Yet In Inventory: 30,380											
d. Authorization Requested In This Program: 14,874											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 153,634											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST	DESIGN STATUS				
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
711-142	CONSTRUCT FAMILY HOUSING	120 UN				14,874	TURN KEY				
TOTAL:						14,874					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: A composite wing which includes one F-16 squadron, one A/OA-10 squadron, and two C-130 squadrons.											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
POPE AIR FORCE BASE, NORTH CAROLINA			CONSTRUCT FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.87.41	711-142	TMKH947000	14,874		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
CONSTRUCT FAMILY HOUSING, PHASE 1	UN	120	45,467	5,456	
SUPPORTING FACILITIES				7,971	
SITE PREPARATION	LS			(500)	
ROADS AND PAVING	LS			(664)	
UTILITIES	LS			(1,862)	
LANDSCAPING AND NEIGHBORHOOD IMPROVMNT	LS			(349)	
RECREATION	LS			(150)	
GARAGES, STORAGE AND FIRE PROTECTION	LS			(1,212)	
LAND ACQUISITION	LS			(3,234)	
SUBTOTAL				13,427	
CONTINGENCY (5%)				671	
TOTAL CONTRACT COST				14,098	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				775	
TOTAL REQUEST				14,874	
AREA COST FACTOR		.80			
10. Description of Proposed Construction: Construct 120 multiplex housing units with all necessary support. Includes land purchase, site prep, utilities, roads, parking, playgrounds, and landscaping. Project will meet "whole house/neighborhood" guidelines which include adequate square footages, air conditioning, appliances, garages, and privacy fencing. Provides perimeter fencing, fire protection, & EMCS/load shed.					
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST
JNCO 2BR	950	.80	55	98	4,096,400
JNCO 4BR	1350	.80	55	10	594,000
SNCO 4BR	1450	.80	55	12	765,600
				120	5,456,000
11. <u>PROJECT</u> : Construct 120 Family Housing units. (New Mission) <u>REQUIREMENT</u> : This project is required to provide adequate housing for military members and their dependents stationed at Pope AFB. The Housing Market Analysis for Pope AFB reveals a housing deficit of 658 units. This deficit consists of long-standing deficiencies and additional deficiencies associated with mission realignments from base closures. Land acquisition (100-150 AC) is required to support new construction. Housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This is the first phase of a multi-phased effort to provide adequate housing for base personnel. The units will provide a modern kitchen, living room, family room, and bath configuration, with ample interior and exterior storage and a single car garage. Parking will also be provided for a second vehicle and guests.					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
POPE AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE		5. PROJECT NUMBER
CONSTRUCT FAMILY HOUSING		TMKH947000
<p>The support infrastructure will meet modern housing needs. Project includes landscaping, recreation areas and perimeter fencing. Fire protection will be provided in all multiplex units.</p> <p><u>CURRENT SITUATION:</u> Pope AFB does not have a sufficient number of housing assets to support existing requirements and ongoing realignment actions. The latest Housing Market Analysis (HMA), Sep 92, indicates a significant deficit. New housing is especially required in the 2-bedroom Junior NCO category due to an extreme shortage of rental units within their affordability range. Construction of off-base multi-family rental units has declined to very low levels. As a result, available units cost \$400/month or more, and are not affordable to most junior enlisted personnel. No space is available on base to support additional family housing. Land acquisition will be required to support this project.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force families are forced to live off base at greater distances away from the base than are desirable and/or in expensive or unsuitable housing near the base. Ultimately, the mission will suffer damaging effects from low morale and increased stress due to financial strains on families.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost effective over the life of the project. The local school authority will be contacted to determine its capability to accept the increase in student population generated by this project.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME POPE AIR FORCE BASE, NORTH CAROLINA				b. LOCATION FAYETTEVILLE, NORTH CAROLINA			
5. DATA AS OF SEPT 1992									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		610	2,793	845	4,248	301	2,163	655	3,119
7. PERMANENT PARTY PERSONNEL		610	2,793	845	4,248	301	2,163	655	3,119
8. GROSS FAMILY HOUSING REQUIREMENTS		416	2,073	241	2,730	204	1,596	185	1,985
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		33	671	127	831				
a. INVOLUNTARILY SEPARATED		2	11	2	15				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		31	660	125	816				
10. VOLUNTARY SEPARATIONS		2	17	5	24	1	13	4	18
11. EFFECTIVE HOUSING REQUIREMENTS		414	2,056	236	2,706	203	1,583	181	1,967
12. HOUSING ASSETS (a + b)		392	1,430	113	1,935	196	1,069	44	1,309
a. UNDER MILITARY CONTROL		89	370	0	459	89	370	0	459
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		89	370	0	459	89	370	0	459
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		303	1,060	113	1,476	107	699	44	850
(1) ACCEPTABLY HOUSED		292	1,015	109	1,416	103	669	42	814
(2) ACCEPTABLE VACANT RENTAL		11	45	4	60	4	30	2	36
13. EFFECTIVE HOUSING DEFICIT		22	626	123	771	7	514	137	658
14. PROPOSED PROJECT							120		120
15. REMARKS (SPECIFY ITEM NUMBER)									
ITEMS 1-13: INFORMATION REPORTED IN THIS TABLE IS TAKEN FROM THE HOUSING MARKET ANALYSIS DATED SEPTEMBER 1992									

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION SEYMOUR-JOHNSON AIR FORCE BASE, NORTH CAROLINA				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.74				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		564	4123	532		16					5,235
b. End FY 1999		534	3925	553		16					5,028
7. INVENTORY DATA (\$000)											
a. Total Acreage: (41,157)											
b. Inventory Total As Of: (30 SEP 93) 176,848											
c. Authorization Not Yet In Inventory: 17,880											
d. Authorization Requested In This Program: 6,025											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 200,753											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST	DESIGN STATUS			
<u>CODE</u>							<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>		
711-142		REPLACE FAMILY HOUSING			74 UN		6,025	TURN KEY			
TOTAL:							6,025				
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: A flying wing which includes three fighter squadrons (F-15 aircraft) and two air refueling squadrons (KC-10 aircraft); an Air Force Reserve KC-10 associate air refueling group; and an Air National Guard fighter interceptor detachment (F-16 aircraft).											

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE																																											
3. INSTALLATION AND LOCATION SEYMOUR-JOHNSON AIR FORCE BASE, NORTH CAROLINA				4. PROJECT TITLE REPLACE FAMILY HOUSING																																												
5. PROGRAM ELEMENT 8.87.41		6. CATEGORY CODE 711-142	7. PROJECT NUMBER VKAG956001		8. PROJECT COST (\$000) 6,025																																											
9. COST ESTIMATES																																																
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)																																											
REPLACE FAMILY HOUSING					4,213																																											
REPLACE FAMILY HOUSING, PHASE 3		UN	74	56,191	(4,158)																																											
SOLAR		LS			(55)																																											
SUPPORTING FACILITIES					1,225																																											
SITE PREPARATION		LS			(150)																																											
ROADS AND PAVING		LS			(155)																																											
UTILITIES		LS			(300)																																											
LANDSCAPING AND NEIGHBORHOOD IMPROVMNT		LS			(150)																																											
RECREATION		LS			(100)																																											
DEMOLITION (INCLUDES ASBESTOS & LBP)		LS			(370)																																											
SUBTOTAL					5,438																																											
CONTINGENCY (5%)					272																																											
TOTAL CONTRACT COST					5,710																																											
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)					314																																											
TOTAL REQUEST					6,025																																											
AREA COST FACTOR		.80																																														
<p>10. Description of Proposed Construction: Replace 74 housing units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, and construction of new single and duplex housing units. Provides normal amenities, to include parking, air conditioning, carports, patios and privacy fencing, and neighborhood playgrounds and recreation areas. Includes asbestos and lead paint removal and solar considerations.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">UNIT TYPE</th> <th style="text-align: center;">NET AREA</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">\$/ NSF</th> <th style="text-align: center;">NO. UNITS</th> <th style="text-align: right;">TOTAL COST</th> </tr> </thead> <tbody> <tr> <td>JNCO 2BR</td> <td style="text-align: center;">950</td> <td style="text-align: center;">.79</td> <td style="text-align: center;">55</td> <td style="text-align: center;">18</td> <td style="text-align: right;">742,995</td> </tr> <tr> <td>JNCO 3BR</td> <td style="text-align: center;">1200</td> <td style="text-align: center;">.79</td> <td style="text-align: center;">55</td> <td style="text-align: center;">18</td> <td style="text-align: right;">938,520</td> </tr> <tr> <td>JNCO 4BR</td> <td style="text-align: center;">1350</td> <td style="text-align: center;">.79</td> <td style="text-align: center;">55</td> <td style="text-align: center;">14</td> <td style="text-align: right;">821,205</td> </tr> <tr> <td>FGO 4BR</td> <td style="text-align: center;">1550</td> <td style="text-align: center;">.79</td> <td style="text-align: center;">55</td> <td style="text-align: center;">18</td> <td style="text-align: right;">1,212,255</td> </tr> <tr> <td>SGO 4BR</td> <td style="text-align: center;">1700</td> <td style="text-align: center;">.79</td> <td style="text-align: center;">55</td> <td style="text-align: center;">6</td> <td style="text-align: right;">443,190</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">74</td> <td style="text-align: right;">4,158,165</td> </tr> </tbody> </table>							UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST	JNCO 2BR	950	.79	55	18	742,995	JNCO 3BR	1200	.79	55	18	938,520	JNCO 4BR	1350	.79	55	14	821,205	FGO 4BR	1550	.79	55	18	1,212,255	SGO 4BR	1700	.79	55	6	443,190					74	4,158,165
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST																																											
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JNCO 3BR	1200	.79	55	18	938,520																																											
JNCO 4BR	1350	.79	55	14	821,205																																											
FGO 4BR	1550	.79	55	18	1,212,255																																											
SGO 4BR	1700	.79	55	6	443,190																																											
				74	4,158,165																																											
<p>11. PROJECT: Replace 74 Family Housing units. (Current Mission)</p> <p>REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Seymour-Johnson AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This is the third phase of a multiple phase initiative to provide adequate housing for base personnel. Of the units requiring upgrade/replacement in this initiative, 126 have been completed or are programmed in prior years. The replacement housing will provide a modern kitchen, living room, family room, and bath</p>																																																

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SEYMOUR-JOHNSON AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	VKAG956001	
<p>configuration, with ample interior and exterior storage and a single car carport. Exterior parking will be provided for a second vehicle. The neighborhood support infrastructure will be upgraded to meet modern housing needs. Neighborhood improvements include landscaping and recreation areas.</p> <p><u>CURRENT SITUATION:</u> This project replaces Appropriated housing units which were constructed in 1972. These 23 year old houses are showing the affects of age and continuous heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. Walls, foundations and exterior pavements require major repair or replacement due to the effects of age and the environment. Wall insulation is inadequate. Foundations and pavements are showing signs of failure due to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are generally inadequate by any modern criteria. Bedrooms are small and lack adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient. Kitchens have inadequate storage and counter space, cabinets are old and unsightly, countertops and sinks are badly worn. Flooring throughout the house is outdated. Plumbing and electrical systems are outdated and require abnormal maintenance and repair. Electrical circuits do not meet National Electric Code requirements. Lighting systems throughout the houses are inefficient and do not meet modern needs. Heating and air conditioning systems require upgrade or replacement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Major morale problems will result because some people will continue to occupy substandard housing. The housing will continue to be occupied until it becomes uninhabitable because adequate, affordable off-base housing is not available. The current Housing Market Analysis shows a housing deficit. Without this and subsequent phases of this initiative, repairs of these units will continue out of necessity, in a costly, piecemeal fashion, with no improvement in living quality.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, improvement construction was found to be the most cost effective over the life of the project. However, since revitalization exceeded 70% of the replacement value of the houses, replacement construction was selected as the best option in accordance with current OSD and Congressional policy. Updated improvement costs represent 74.5% of FY95 Replacement estimates. Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1718			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME SEYMOUR-JOHNSON AIR FORCE BASE NORTH CAROLINA				b. LOCATION GOLDSBORO, NORTH CAROLINA			
5. DATA AS OF JULY 1992									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		690	3,410	719	4,819	664	3,621	1,018	5,303
7. PERMANENT PARTY PERSONNEL		690	3,410	719	4,819	664	3,621	1,018	5,303
8. GROSS FAMILY HOUSING REQUIREMENTS		530	2,901	215	3,646	506	3,070	278	3,854
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		2	80	40	122				
a. INVOLUNTARILY SEPARATED		2	8	6	16				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		0	72	34	106				
10. VOLUNTARY SEPARATIONS		3	35	4	42	3	38	5	46
11. EFFECTIVE HOUSING REQUIREMENTS		527	2,886	211	3,604	503	3,032	273	3,808
12. HOUSING ASSETS (a + b)		533	2,812	174	3,519	510	2,979	246	3,735
a. UNDER MILITARY CONTROL		154	1,544	0	1,698	154	1,544	0	1,698
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		154	1,544	0	1,698	154	1,544	0	1,698
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		379	1,268	174	1,821	356	1,435	246	2,037
(1) ACCEPTABLY HOUSED		371	1,242	171	1,764				
(2) ACCEPTABLE VACANT RENTAL		8	26	3	37				
13. EFFECTIVE HOUSING DEFICIT		(6)	54	37	85	(7)	53	27	73
14. PROPOSED PROJECT						24	50		74
15. REMARKS (SPECIFY ITEM NUMBER)									

ITEMS 1-13: INFORMATION REPORTED IN THIS TABLE IS TAKEN FROM THE HOUSING MARKET ANALYSIS DATED JULY 1992

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
GRAND FORKS AIR FORCE BASE, NORTH DAKOTA			CONSTRUCT FAMILY HOUSING MANAGEMENT OFFICE		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
8.87.41	610-119	JFSD943004	709		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
CONSTRUCT FAMILY HOUSING MANAGEMENT OFFICE		SF	4,493	110	494
SUPPORTING FACILITIES					146
SITE PREPARATION		LS			(16)
UTILITIES		LS			(23)
PAVEMENTS		LS			(39)
SYSTEMS FURNISHINGS		WS	14	4,000	(56)
LANDSCAPING		LS			(12)
SUBTOTAL					640
CONTINGENCY (5%)					32
TOTAL CONTRACT COST					672
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)					37
TOTAL REQUEST					709
AREA COST FACTOR		0.96			
10. Description of Proposed Construction: Construct office including foundation; frame construction; HVAC system; parking lot with paved access; sidewalks; lighting; landscaping; entrance foyer; conference room; semi-private areas; private offices for the Housing Manager, Assistant, and Facilities Chief; children's playroom; break area; and an exterior playground area. Air Conditioning: 15 Tons.					
11. REQUIREMENT: 4,493 SF ADEQUATE: 0 SUBSTANDARD: 2,100 SF PROJECT: Construct Family Housing Management Office. (Current Mission). REQUIREMENT: Provide administrative and counseling space for the management of 2,271 housing units. Must be conveniently located for accessibility by housing occupants and newly arriving personnel. Must include space for private counseling, offices, lounge/waiting area, conference room, and play area for children of parents awaiting service by housing personnel. Facility must also have adequate parking and include provisions for access by the handicapped. Connection of WIMS equipment to the Defense Data Network (DDN) is required. CURRENT SITUATION: The Family Housing Management Office provides service to over 3,163 families, and unaccompanied personnel living off base. This office manages the assignment, termination, and maintenance of 2,271 family housing units. The current building is 19 years old. It is a prefabricated split-level residential-type structure poorly configured to provide adequate space for employees and proper atmosphere for customers. Housing referral counselors and clerks are located in an open room along with the reception/display area. Personalized and private customer service cannot be provided. There is no handicapped access to the split-level building. The existing facility will be converted to another					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
GRAND FORKS AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE		5. PROJECT NUMBER
CONSTRUCT FAMILY HOUSING MANAGEMENT OFFICE		JFSD943004
<p>use separate from this project.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Service to the 3,163 military families who process through and utilize the Housing Management Office will continue to be hampered by an inadequate facility. While every effort will be made to provide quality support to all personnel, the crowded space in which to greet and process individuals will severely limit the ability to provide desired service. The facility appearance and crowded conditions also give an extremely poor impression of the base to new arrivals.</p> <p><u>ADDITIONAL:</u> This project meets the criteria and scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide."</p>		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION SHAW AIR FORCE BASE, SOUTH CAROLINA				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.72				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		746	4579	518	16	26	252	11	42	9	6,199
b. End FY 1999		705	4465	556	16	26	252	11	42	9	6,082
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,416)											
b. Inventory Total As Of: (30 SEP 93) 157,483											
c. Authorization Not Yet In Inventory: 11,080											
d. Authorization Requested In This Program: 631											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 80,660											
h. Grand Total: 249,854											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY					COST		DESIGN STATUS				
<u>CODE</u>		<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>(\$000)</u>		<u>START</u>		<u>CMPL</u>
711-142		REPLACE GENERAL OFFICER			3 UN		631		TURN KEY		
		HOUSING									
TOTAL:							631				
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Headquarters Ninth Air Force; a fighter wing which includes three fighter squadrons (F-16 aircraft) and one air control squadron (OA-10 and A-10 aircraft). Also, the temporary beddown location of one F-16 squadron from Homestead AFB, FL.											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION		4. PROJECT TITLE			
SHAW AIR FORCE BASE, SOUTH CAROLINA		REPLACE GENERAL OFFICER HOUSING			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.87.41	711-142	VLSB940016	631		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
REPLACE GENERAL OFFICER HOUSING	UN	3	109,802	329	
SUPPORTING FACILITIES				240	
SITE PREPARATION	LS			(45)	
ROADS AND PAVING	LS			(35)	
UTILITIES	LS			(25)	
LANDSCAPING AND NEIGHBORHOOD IMPROVMNT	LS			(35)	
GARAGES	LS			(45)	
DEMOLITION (INCLUDES ASBESTOS & LBP)	LS			(55)	
SUBTOTAL				569	
CONTINGENCY (5%)				28	
TOTAL CONTRACT COST				597	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				33	
TOTAL REQUEST				631	
AREA COST FACTOR .83					
10. Description of Proposed Construction: Replacement of three GOQ units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, and construction of new single family units with double garages. Provides normal amenities to include parking, air conditioning, exterior patios, and privacy fencing. Includes asbestos and lead-based paint removal.					
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/NSF	NO. UNITS	TOTAL COST
GOQ 4BR	2310	.92	55	1	116,886
GOQ 4BR	2100	.92	55	2	212,520
				3	329,406
11. <u>PROJECT</u> : Replace three General Officer Housing units. (Current Mission)					
<u>REQUIREMENT</u> : This project is required to provide modern and efficient replacement housing for General Officers and their dependents stationed at Shaw AFB. All units will meet "whole house" standards and will be appropriate for the living and entertainment responsibilities of the 9th Air Force Commander, 9th Air Force Vice Commander, and the Installation Commander. The replacement housing will provide a modern kitchen, living room, dining room, family room, and bath configuration with ample interior and exterior storage and covered parking for two cars. Both interior and exterior living areas will be designed to provide adequate entertainment space.					
<u>CURRENT SITUATION</u> : No major work has been done to these units since they were built in 1956. The kitchen cabinets, floors, walls, and ceilings are					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SHAW AIR FORCE BASE, SOUTH CAROLINA		
4. PROJECT TITLE		5. PROJECT NUMBER
REPLACE GENERAL OFFICER HOUSING		VLSB940016
<p>worn and in need of replacement. The floor plans are inadequate. Kitchens are very narrow, and dining areas are too small. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Electrical circuits do not meet National Electric Code standards. Lighting systems throughout the houses are inefficient and do not meet modern standards. Heating and air conditioning systems require upgrade or replacement. Housing interiors are inadequate. Bedrooms are small and do not have adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient. Sun porches have rapidly deteriorated and need new roofs, floors, walls, and windows.</p> <p><u>IMPACT IF NOT PROVIDED:</u> These commanders will continue to occupy unattractive, non-functional homes. The condition of these homes will detract from the social responsibilities of these commanders as visiting dignitaries are entertained. The base will incur increasing and unacceptable maintenance and repair costs as efforts are made to keep the house habitable and presentable.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, and status quo operation. Base upon the net present values and benefits of the respective alternatives, revitalization was determined to be the most cost effective. However, since revitalization exceeded 70% of the replacement value of the houses, replacement construction was selected as the best option in accordance with current OSD and Congressional policy. Improvement costs represent 74% of estimated replacement costs.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME		b. LOCATION					
5. DATA AS OF MAY 1993		SHAW AIR FORCE BASE SOUTH CAROLINA		SUMTER, SOUTH CAROLINA					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		803	4,246	1,214	6,263	782	4,201	1,175	6,158
7. PERMANENT PARTY PERSONNEL		803	4,246	1,214	6,263	782	4,201	1,175	6,158
8. GROSS FAMILY HOUSING REQUIREMENTS		619	3,328	420	4,367	604	3,292	407	4,303
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		36	462	185	683				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		36	462	185	683				
10. VOLUNTARY SEPARATIONS		0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING REQUIREMENTS		619	3,328	420	4,367	604	3,292	407	4,303
12. HOUSING ASSETS (a + b)		589	2,885	236	3,710	574	2,842	228	3,644
a. UNDER MILITARY CONTROL		161	1,453	143	1,757	169	1,398	136	1,703
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		161	1,453	143	1,757	169	1,398	136	1,703
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		428	1,432	93	1,953	405	1,444	92	1,941
(1) ACCEPTABLY HOUSED		422	1,413	92	1,927	400	1,423	90	1,913
(2) ACCEPTABLE VACANT RENTAL		6	19	1	26	5	21	2	28
13. EFFECTIVE HOUSING DEFICIT		30	443	184	657	30	450	179	659
14. PROPOSED PROJECT						3			3
15. REMARKS (SPECIFY ITEM NUMBER)									
ITEMS 6-13: INFORMATION REPORTED ARE TAKEN FROM THE HOUSING MARKET ANALYSIS DATED MAY 1993									

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION DYESS AIR FORCE BASE, TEXAS				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.92				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		765	4465	401							5,631
b. End FY 1999		752	4188	390							5,330
7. INVENTORY DATA (\$000)											
a. Total Acreage: (6,432)											
b. Inventory Total As Of: (30 SEP 93) 218,829											
c. Authorization Not Yet In Inventory: 15,720											
d. Authorization Requested In This Program: 7,077											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 241,626											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE				SCOPE		COST (\$000)		DESIGN STATUS	
<u>CODE</u>										<u>START</u> <u>CMPL</u>	
711-142		REPLACE FAMILY HOUSING				59 UN		7,077		TURN KEY	
TOTAL:								7,077			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: A flying wing which includes two bomb squadrons (B-1 aircraft) one of which is responsible for training all B-1 aircrews, and two airlift squadrons (C-130 aircraft); and an Air Mobility Command air refueling squadron (KC-135 aircraft).											

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE			
3. INSTALLATION AND LOCATION DYESS AIR FORCE BASE, TEXAS		4. PROJECT TITLE REPLACE FAMILY HOUSING			
5. PROGRAM ELEMENT 8.87.41	6. CATEGORY CODE 711-142	7. PROJECT NUMBER FNWZ930096			
		8. PROJECT COST (\$000) 7,077			
9. COST ESTIMATES					
ITEM	U/M	QUANTITY			
UNIT COST	COST	(\$000)			
REPLACE FAMILY HOUSING		4,170			
REPLACE FAMILY HOUSING, PHASE 2		(3,899)			
SOLAR		(271)			
SUPPORTING FACILITIES		2,218			
SITE PREPARATION		(217)			
ROADS AND PAVING		(350)			
UTILITIES		(650)			
LANDSCAPING		(300)			
RECREATION		(90)			
GARAGES AND STORAGE		(436)			
DEMOLITION, ASBESTOS & LEAD PAINT		(175)			
SUBTOTAL		6,388			
CONTINGENCY (5%)		319			
TOTAL CONTRACT COST		6,707			
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)		369			
TOTAL REQUEST		7,077			
AREA COST FACTOR .92					
10. Description of Proposed Construction: Replace 59 housing units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, and construction of new single and duplex housing units. Provides normal amenities, to include parking, air conditioning, garages, patios and privacy fencing, and neighborhood playgrounds and recreation areas. Includes asbestos and lead paint removal and solar considerations.					
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST
JNCO 2BR	950	.91	55	2	95,095
JNCO 3BR	1200	.91	55	19	1,141,140
SNCO 3BR	1350	.91	55	6	405,405
SNCO 4BR	1450	.91	55	10	725,725
CGO 2BR	950	.91	55	2	95,095
CGO 3BR	1350	.91	55	8	540,540
CGO 4BR	1450	.91	55	4	290,290
FGO 3BR	1400	.91	55	2	140,140
FGO 4BR	1550	.91	55	6	465,465
				59	3,898,895
11. PROJECT: Replace 59 Family Housing units. (Current Mission) REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Dyess AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This is the second of multiple phases					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
DYESS AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	FNWZ930096	
<p>to provide adequate housing for base personnel. Of the 993 Capehart housing units to be replaced or upgraded in this multi-phase initiative, 150 are completed or included in prior programs, and 781 will follow in subsequent phases. The replacement housing will provide a modern kitchen, living room, family room, and bath configuration, with ample interior and exterior storage and a single car garage. Exterior parking will be provided for a second vehicle. The basic neighborhood support infrastructure will be upgraded to meet modern housing needs. Neighborhood enhancements will include landscaping, playgrounds, and recreation areas.</p> <p><u>CURRENT SITUATION:</u> This project replaces Capehart housing units which were constructed in 1957. These 38 year old houses are showing the affects of age and continuous heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. Roofs, walls, foundations and exterior pavements require major repair or replacement due to the effects of age and the environment. Foundations and pavements are showing signs of failure due to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are generally inadequate by any modern criteria. Bedrooms are small and lack adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient. Kitchens have inadequate storage and counter space, cabinets are old and unsightly, countertops and sinks are badly worn. Flooring throughout the house is outdated, and contains evidence of asbestos. Plumbing and electrical systems are outdated and require abnormal maintenance and repair. Lighting systems throughout the houses are inefficient and do not meet modern needs. Heating and air conditioning systems require upgrade or replacement. Off-street parking is severely limited causing traffic congestion. Traffic flow in and around the housing area is inefficient.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Major morale problems will result because some people will continue to occupy substandard housing while neighbors and friends are in new, replaced units. The housing will continue to be occupied until it becomes uninhabitable because adequate, affordable off-base housing is not available. The current Housing Market Analysis shows a housing deficit of 169 units. Without this and subsequent phases of this initiative, repairs of these units will continue out of necessity, in a costly, piecemeal fashion, with no improvement in living quality.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". There will be no increase in the student population or impact on the local school district to support base dependents. An economic analysis was prepared comparing alternatives of construction, revitalization, leasing, and statusquo operation. Based on net present values and benefits of respective alternatives, improvement was found to be the most cost effective over the life of the project. However, since improvement costs exceeded 70% of replacement value, replacement was selected as the best option in accordance with current OSD and Congressional policy. Updated improvement costs represent 73% of FY95 Replacement costs.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1985		REPORT CONTROL SYMBOL DD-A&L (AF) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME DYESS AIR FORCE BASE, TEXAS		b. LOCATION ABILENE, TEXAS					
5. DATA AS OF APRIL 1983									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		786	3,363	1,027	5,176	760	3,194	1,119	5,073
7. PERMANENT PARTY PERSONNEL		786	3,363	1,027	5,176	760	3,194	1,119	5,073
8. GROSS FAMILY HOUSING REQUIREMENTS		630	2,615	392	3,637	613	2,512	425	3,550
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		19	159	72	250				
a. INVOLUNTARILY SEPARATED		4	7	3	14				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		15	152	69	236				
10. VOLUNTARY SEPARATIONS		19	69	13	101	18	64	15	97
11. EFFECTIVE HOUSING REQUIREMENTS		611	2,546	379	3,536	595	2,446	410	3,453
12. HOUSING ASSETS (a + b)		611	2,477	313	3,401	595	2,349	340	3,284
a. UNDER MILITARY CONTROL		121	786	83	990	121	786	83	990
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		116	741	83	940	121	786	83	990
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		5	45	0	50				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		490	1,691	230	2,411	474	1,563	257	2,294
(1) ACCEPTABLY HOUSED		476	1,646	224	2,346	461	1,521	250	2,232
(2) VACANT RENTAL HOUSING		14	45	6	65	13	42	7	62
13. EFFECTIVE HOUSING DEFICIT		0	69	66	135	0	99	70	169
14. PROPOSED PROJECT						29	30		59
15. REMARKS (SPECIFY ITEM NUMBER)									

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)							2. DATE		
AIR FORCE											
3. INSTALLATION AND LOCATION					4. COMMAND			5. AREA CONST COST INDEX			
LANGLEY AIR FORCE BASE, VIRGINIA					AIR COMBAT COMMAND			0.83			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		2259	6511	1859	64	106	10	3	11	19	10,842
b. End FY 1999		2185	6612	1863	64	106	10	3	11	19	10,873
7. INVENTORY DATA (\$000)											
a. Total Acreage: (3,440)											
b. Inventory Total As Of: (30 SEP 93) 249,505											
c. Authorization Not Yet In Inventory: 15,900											
d. Authorization Requested In This Program: 14,421											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 279,826											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		CMPL	
711-142		REPLACE FAMILY HOUSING		148 UN		14,421		TURN KEY			
				TOTAL:		14,421					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Headquarters Air Combat Command; a fighter wing with three fighter squadrons (F-15 and C-21 aircraft); an aircraft delivery group; an air intelligence group; the Air Combat Operations School; and the USAF Doctrine Center.											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
LANGLEY AIR FORCE BASE, VIRGINIA			REPLACE FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.87.41	711-142	MUHJ937003	14,421		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
REPLACE FAMILY HOUSING, PHASE 3	UN	148	61,507	9,103	
SUPPORTING FACILITIES				3,915	
SITE PREPARATION	LS			(630)	
ROADS AND PAVING	LS			(860)	
UTILITIES	LS			(999)	
LANDSCAPING AND NEIGHBORHOOD IMPROVMNT	LS			(168)	
RECREATION	LS			(105)	
MULTIPLEX FIRE PROTECTION	LS			(603)	
DEMOLITION (INCLUDES ASBESTOS & LBP)	LS			(550)	
SUBTOTAL				13,018	
CONTINGENCY (5%)				651	
TOTAL CONTRACT COST				13,669	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				752	
TOTAL REQUEST				14,421	
AREA COST FACTOR		.92			
10. Description of Proposed Construction: Replace 148 housing units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, and new multiplex housing units. Provides all support to include parking, garages, air conditioning, exterior patios, privacy fencing, and neighborhood playgrounds and recreation areas. Includes asbestos and lead paint removal, fire protection & EMCS loadshedding.					
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST
JNCO 2BR	950	.90	55	38	1,786,950
JNCO 3BR	1200	.90	55	38	2,257,200
SNCO 3BR	1350	.90	55	26	1,737,450
SNCO 4BR	1450	.90	55	42	3,014,550
SNCO 5BR	1550	.90	55	4	306,900
				148	9,103,050
11. PROJECT: Replace 148 Family Housing units. (Current Mission) REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Langley AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This is the third of multiple phases to provide adequate housing for base personnel. Of the total of 1638 units to be upgraded or replaced in this multi-phased initiative, 364 have been upgraded, 180 will be completed in this phase and 1274 will follow in subsequent phases. This replacement housing will					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LANGLEY AIR FORCE BASE, VIRGINIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	MUHJ937003	
<p>provide a modern kitchen, living room, family room, and bath configuration, with ample interior and exterior storage and a single car garage. Exterior parking will be provided for a second vehicle. The neighborhood infrastructure will be upgraded to meet modern housing needs. Neighborhood enhancements will include landscaping and recreation areas.</p> <p><u>CURRENT SITUATION:</u> This project replaces Appropriated units which are over 19 years old and are showing the affects of age and continuous heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. Utility systems and exterior pavements require major repair or replacement due to the effects of age and the environment. Roof structures show signs of rot. Pavements are showing signs of failure due to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are generally inadequate by any modern criteria. Bedrooms are small and lack adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient. Kitchens have inadequate storage and counter space, cabinets are old and unsightly, countertops and sinks are badly worn. Flooring throughout the house is worn and outdated. Plumbing, sanitary sewer, and electrical systems are outdated and require abnormal maintenance and repair. The sanitary sewer system cannot support the infrastructure requirements of the area. Electrical circuits do not meet National Electric Code requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to live in extremely outdated, substandard and unsatisfactory housing. The housing will continue to be occupied until it becomes uninhabitable because adequate, affordable off-base housing is not available. The current Housing Market Analyses base shows a housing deficit of approximately 100 units. Without this and subsequent phases of this initiative, repairs of these units will continue out of necessity, in a costly, piecemeal fashion, with no improvement in living quality.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, improvement was found to be the most cost effective over the life of the project. However, since improvement costs exceeded 70% of the replacement value, replacement construction was selected.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT		2. FISCAL YEAR 1986 1982		REPORT CONTROL SYMBOL DD-A&L (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME LANGLEY AIR FORCE BASE, VIRGINIA		5. LOCATION HAMPTON, VIRGINIA					
5. DATA AS OF AUGUST 1982									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		2,181	5,303	1,363	8,847	2,157	5,101	1,262	8,520
7. PERMANENT PARTY PERSONNEL		2,181	5,303	1,363	8,847	2,157	5,101	1,262	8,520
8. GROSS FAMILY HOUSING REQUIREMENTS		1,742	3,205	425	5,372	1,722	3,103	394	5,219
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		74	24	96	196				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED IN COMMUNITY		74	24	96	196				
10. VOLUNTARY SEPARATIONS		0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING REQUIREMENTS		1,742	3,205	425	5,372	1,722	3,103	394	5,219
12. HOUSING ASSETS (a + b)		1,705	3,236	336	5,277	1,687	3,135	312	5,134
a. UNDER MILITARY CONTROL		372	1,216	0	1,588	372	1,216	0	1,588
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		372	1,216	0	1,588	372	1,216	0	1,588
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		1,333	2,020	336	3,689	1,315	1,919	312	3,546
(1) ACCEPTABLY HOUSED		1,296	1,965	327	3,588	1,277	1,864	303	3,444
(2) ACCEPTABLE VACANT RENTAL		37	55	9	101	38	55	9	102
13. EFFECTIVE HOUSING DEFICIT		37	(31)	89	95	35	(32)	82	85
14. PROPOSED PROJECT							148		148
15. REMARKS (SPECIFY ITEM NUMBER)									
DATA IN THIS FORM IS FROM THE HOUSING MARKET ANALYSIS DATED SEPTEMBER 1982									

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
FAIRCHILD AIR FORCE BASE, WASHINGTON				AIR COMBAT COMMAND				1.11			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		562	3570	495	140	372	22				5,161
b. End FY 1999		566	3423	541	116	80	1	1	1	15	4,744
7. INVENTORY DATA (\$000)											
a. Total Acreage: (6,060)											
b. Inventory Total As Of: (30 SEP 93) 313,123											
c. Authorization Not Yet In Inventory: 10,760											
d. Authorization Requested In This Program: 1,035											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 324,918											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY						COST		DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
711-142	REPLACE SENIOR OFFICER HOUSING	6 UN				1,035	TURN KEY				
TOTAL:						1,035					
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: An Air Combat Command bomb wing which includes one B-52 squadron; two Air Mobility Command air refueling squadrons (KC-135 aircraft); an Air National Guard air refueling wing (KC-135 aircraft); and the Air Education and Training Survival Training School (UH-1 helicopters).											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)				2. DATE																		
AIR FORCE																							
3. INSTALLATION AND LOCATION			4. PROJECT TITLE																				
FAIRCHILD AIR FORCE BASE, WASHINGTON			REPLACE SENIOR OFFICER HOUSING																				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)																				
8.87.41	711-142	GJKZ950024	1,035																				
9. COST ESTIMATES																							
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)																			
REPLACE SENIOR OFFICER HOUSING	UN	6	99,110	595																			
SUPPORTING FACILITIES				340																			
SITE PREPARATION	LS			(50)																			
ROADS AND PAVING	LS			(80)																			
UTILITIES	LS			(60)																			
LANDSCAPING	LS			(30)																			
GARAGES AND STORAGE	LS			(60)																			
DEMOLITION, ASBESTOS & LEAD ABATEMENT	LS			(60)																			
SUBTOTAL				935																			
CONTINGENCY (5%)				47																			
TOTAL CONTRACT COST				982																			
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				54																			
TOTAL REQUEST				1,035																			
AREA COST FACTOR		1.00																					
<p>10. Description of Proposed Construction: Replacement of six Senior Officer Housing units (SOQs). Project will provide new housing with attached double car garage and all necessary support. Supporting facilities include sitework, utility systems, roads, parking, walkways, landscaping, and special features. Demolish five existing SOQ's, and associated infrastructure. Includes asbestos and lead paint removal.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">UNIT TYPE</th> <th style="text-align: center;">NET AREA</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">\$/ NSF</th> <th style="text-align: center;">NO. UNITS</th> <th style="text-align: right;">TOTAL COST</th> </tr> </thead> <tbody> <tr> <td>SGO 4BR</td> <td style="text-align: center;">1700</td> <td style="text-align: center;">1.06</td> <td style="text-align: center;">55</td> <td style="text-align: center;">6</td> <td style="text-align: right;">594,660</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">6</td> <td style="text-align: right;">594,660</td> </tr> </tbody> </table>						UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST	SGO 4BR	1700	1.06	55	6	594,660					6	594,660
UNIT TYPE	NET AREA	PROJECT FACTOR	\$/ NSF	NO. UNITS	TOTAL COST																		
SGO 4BR	1700	1.06	55	6	594,660																		
				6	594,660																		
<p>11. PROJECT: Replace six Senior Officer Housing units. (Current Mission)</p> <p>REQUIREMENT: Provide modern and efficient four bedroom housing appropriate for family living and the entertainment responsibilities of the installation senior command staff. The housing and housing environment must provide the amenities comparable to that found in off base communities. All units will meet "whole house" standards. The Senior Officer housing area must be relocated to comply with the Housing Community Plan (HCP).</p> <p>CURRENT SITUATION: The existing housing units were built in 1957 and do not meet current standards for senior officer housing, nor do they provide the modern efficient home layout and amenities found in off base communities. These units have never received major improvements and are showing the wear and tear of years of continuous use. The units have only 1 1/2 baths, and three bedrooms. Layout, utilities, cabinets and fixtures are all dated, substandard, and in need of replacement. The houses are</p>																							

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
FAIRCHILD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE SENIOR OFFICER HOUSING	GJKZ950024	
<p>constructed on concrete slabs, with wood frames. Service lines were placed beneath the concrete slab making replacement and repair difficult and expensive. Electrical, plumbing, mechanical, and structural systems need major repair, or complete replacement. Electrical systems are at maximum capacity. The roof structures require complete replacement, and the insulation, heating, and air conditioning systems are energy inefficient and need to be brought up to modern standards. The units do not meet the minimum size standards for senior officers. The housing to be replaced by this project is located adjacent to administrative/recreation functions (credit union, club, dormitories and transient billeting) which are not a normal part of a housing environment. The HCP proposes moving all of the Senior Officer housing to a new site adjacent to the existing housing area. Five existing SOOs will be demolished, and one, located in a separate area, will be retained to satisfy a deficiency in other grades.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The base will continue to have substandard housing to support senior leadership. The condition of the housing will reflect poorly to the many dignitaries frequently entertained in this housing area. As the housing continues to age, accelerated deterioration of electrical, plumbing, and other systems can be expected, with increasing and unacceptable maintenance and repair costs to the base. Housing occupants will continue to reside in an area which does not provide normal community amenities, or a living environment compatible with the leadership position and entertainment responsibilities of the occupants.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since this is a replacement project, there will be no increase in the student population or impact on the ability of local school districts to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost effective over the life of the project.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD)		2. FISCAL YEAR 1995		REPORT CONTROL SYMBOL DD-A&L (AR) 1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION				5. LOCATION			
5. DATA AS OF APRIL 1993		a. NAME FAIRCHILD AIR FORCE BASE, WASHINGTON				b. LOCATION SPOKANE, WASHINGTON			
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		612	2,722	810	4,144	598	2,864	792	4,054
7. PERMANENT PARTY PERSONNEL		612	2,722	810	4,144	598	2,864	792	4,054
8. GROSS FAMILY HOUSING REQUIREMENTS		485	2,291	392	3,168	473	2,224	379	3,076
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		18	260	110	388				
a. INVOLUNTARILY SEPARATED		0	9	6	15				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		6	0	0	6				
c. UNACCEPTABLY HOUSED IN COMMUNITY		12	251	104	367				
10. VOLUNTARY SEPARATIONS		7	87	9	103	6	75	11	92
11. EFFECTIVE HOUSING REQUIREMENTS		478	2,204	383	3,065	467	2,149	368	2,984
12. HOUSING ASSETS (a + b)		462	1,949	274	2,685	458	1,941	293	2,692
a. UNDER MILITARY CONTROL		177	1,210	91	1,478	159	1,160	159	1,478
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		177	1,210	91	1,478	159	1,160	159	1,478
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		285	739	183	1,207	299	781	134	1,214
(1) ACCEPTABLY HOUSED		283	734	182	1,199	297	776	133	1,206
(2) ACCEPTABLE VACANT RENTAL		2	5	1	8	2	5	1	8
13. EFFECTIVE HOUSING DEFICIT		16	255	109	380	9	208	75	292
14. PROPOSED PROJECT						6			6
15. REMARKS (SPECIFY ITEM NUMBER)									
ITEMS 1-13: INFORMATION REPORTED IN THIS TABLE IS TAKEN FROM THE HOUSING MARKET ANALYSIS DATED APRIL 1993									

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
3. INSTALLATION AND LOCATION F E WARREN AIR FORCE BASE, WYOMING				4. COMMAND AIR FORCE SPACE COMMAND			5. AREA CONST COST INDEX 1.02				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 93		559	3030	557							4,146
b. End FY 1999		575	2898	541							4,014
7. INVENTORY DATA (\$000)											
a. Total Acreage: (6,701)											
b. Inventory Total As Of: (30 SEP 93) 220,072											
c. Authorization Not Yet In Inventory: 10,750											
d. Authorization Requested In This Program: 11,321											
e. Authorization Included In Following Program: (FY 1996) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 242,143											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995											
CATEGORY		PROJECT TITLE			SCOPE		COST	DESIGN STATUS			
<u>CODE</u>							<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>		
711-142		REPLACE FAMILY HOUSING			106 UN		11,321	TURN KEY			
							TOTAL:	11,321			
9a. Future Projects: Included in the Following Program (FY 1996) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Headquarters Twentieth Air Force; an AFSPC missile wing consisting of one Peacekeeper and three Minuteman intercontinental ballistic missile squadrons which maintain a continuous alert posture (UH-1 helicopters).											

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
F E WARREN AFB, WYOMING			REPLACE FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
8.87.41	711-142	GHLN951005	11,321		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
REPLACE WHERRY FAMILY HOUSING, PHASE 2	UN	106	69,960	7,416	
SUPPORTING FACILITIES				2,804	
SITE PREPARATION	LS			(895)	
ROADS AND PAVING	LS			(985)	
LANDSCAPING	LS			(274)	
RECREATION	LS			(94)	
OTHER (DEMOLITION)	LS			(556)	
SUBTOTAL				10,220	
CONTINGENCY (5%)				511	
TOTAL CONTRACT COST				10,731	
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				590	
TOTAL REQUEST				11,321	
AREA COST FACTOR 1.08					
10. Description of Proposed Construction: Demolition of 106 housing units and construction of new family housing with all necessary supporting facilities. Project includes attached garages, energy conservation features, and appliances. Supporting facilities include site preparation, utilities, pavements, communications, parking, landscaping and recreation areas. Asbestos removal.					
<u>UNIT TYPE</u>	<u>NET AREA</u>	<u>PROJECT FACTOR</u>	<u>\$/ NSF</u>	<u>NO. UNITS</u>	<u>TOTAL COST</u>
JNCO 3BR	1200	1.06	55	106	7,415,760
				106	7,415,760
11. <u>PROJECT</u> : Replace 106 Family Housing units. (Current Mission)					
<u>REQUIREMENT</u> : This project is required to provide modern and efficient housing for military members and their dependents stationed at F E Warren AFB. All units will meet "whole house" standards and provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This project completes Phase B of the Housing Community Plan (HCP). The HCP is being revised to reflect personnel changes and will show the above grade and unit mix.					
<u>CURRENT SITUATION</u> : The existing Wherry family housing units were constructed over 40 years ago. They were declared substandard in 1972. These facilities are so poor that living in them is strictly voluntary and at reduced BAQ rates. They continue in use because off-base housing is extremely limited in this isolated community. When available, off-base housing is very expensive, and frequently little better than the units being replaced by this project. Few adequate houses are available and					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
F E WARREN AFB, WYOMING		
4. PROJECT TITLE	5. PROJECT NUMBER	
REPLACE FAMILY HOUSING	GHLN951005	
<p>affordable for the Junior NCOs. The existing Wherry housing is deficient in size by an average of 300 square feet per unit. The concrete block cavity walls have one inch rigid board insulation, and the flat concrete roof decks have a minimum of rigid board insulation. The concrete floor slabs and block wall exteriors of many units have extensive structural cracks. Housing density is high, and there is little privacy for occupants using backyards. There are no family rooms, porches, carports, garages, or storage rooms. Electrical systems do not meet current codes. There are no GFI circuits, and the number of outlets is minimal. Furnaces are not installed per current codes and the majority require replacing. Bathroom fixtures and finishes are antiquated and in need of total replacement. Kitchens are small, and all fixtures and cabinets are badly deteriorated. Kitchen space is further limited by the presence of washer and dryer equipment. All windows are single glazed, steel frame, and are not energy efficient. The units are drafty, and very difficult to keep warm in the cold, windy Wyoming winters.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The substandard housing units will continue to be occupied because no other housing is available. Local community housing is almost nonexistent, and the situation is deteriorating. Since this project was initiated, a new business has moved to the area and is providing 350 new jobs, but no new housing is being constructed. Without this and the subsequent phase of this initiative, repairs of these units will continue out of necessity, in a costly, piecemeal fashion, with no improvement in living quality.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, improvement, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost effective over the life of the project.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT (YYMMDD)	2. FISCAL YEAR 1994	REPORT CONTROL SYMBOL DD-A&L (AR) 1718
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3. DOD COMPONENT AIR FORCE	4. REPORTING INSTALLATION a. NAME FRANCIS E. WARREN AIR FORCE BASE	b. LOCATION ONE MILE NORTHWEST OF CHEYENNE, WYOMING
5. DATA AS OF FEBRUARY 1992		

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	635	2,346	683	3,664	555	2,337	678	3,570
7. PERMANENT PARTY PERSONNEL	635	2,346	683	3,664	555	2,337	678	3,570
8. GROSS FAMILY HOUSING REQUIREMENTS	442	1,696	115	2,253	383	1,685	202	2,270
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)	77	524	31	632				
a. INVOLUNTARILY SEPARATED	5	9	6	20				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		111		111				
c. UNACCEPTABLY HOUSED IN COMMUNITY	72	404	25	501				
10. VOLUNTARY SEPARATIONS	10	89	5	104	9	89	5	103
11. EFFECTIVE HOUSING REQUIREMENTS	432	1,607	110	2,149	374	1,596	197	2,167
12. HOUSING ASSETS (a + b)	366	1,108	82	1,556	296	1,009	106	1,411
a. UNDER MILITARY CONTROL	114	507		621	114	507		621
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED	113	506		619	114	507		621
(2) UNDER CONTRACT/APPROVED								
(3) VACANT								
(4) INACTIVE	1	1		2				
b. PRIVATE HOUSING	252	601	82	935	182	502	106	790
(1) ACCEPTABLY HOUSED	242	577	79	898				
(2) ACCEPTABLE VACANT RENTAL	10	24	3	37				
13. EFFECTIVE HOUSING DEFICIT	66	499	28	593	78	587	91	756
14. PROPOSED PROJECT						106		106

15. REMARKS (SPECIFY ITEM NUMBER)

ITEM 6 - 13. BASIC DATA WERE EXTRACTED FROM THE HOUSING MARKET
OF ANALYSIS FEBRUARY 1992.

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

POST ACQUISITION CONSTRUCTION

Program (In Thousands)
FY 1995 Program \$ 61,770
FY 1994 Program \$ 75,070

Purpose and Scope

The Air Force operates approximately 120,000 family housing units. The average age of housing units in the Air Force inventory is more than 30 years old. Over 60,000 units require improvements or renovation to meet contemporary living standards during the next decade. Many of these units require major expenditures to repair or replace deteriorated mechanical, electrical, or structural components, and to provide some of the modern amenities found in comparable civilian community housing. The Post Acquisition Construction Program provides this needed revitalization. Each project also includes a significant amount of concurrent maintenance and repair to maximize the project cost effectiveness (average per project is 68%).

The Air Force is the acknowledged DoD leader in developing the "whole house" revitalization concept. Whole house is the combination of needed maintenance and repair together with improvements to bring the unit to contemporary standards. In addition, we are looking beyond the house to the entire housing area in our Housing Community Plan. Our "whole neighborhood" concept is being developed and includes the development of neighborhood vehicular and pedestrian circulation concepts to consider siting, density, landscaping, parking, playgrounds, recreation area and utilities, in addition to the housing unit itself.

Consistent with Appropriation Committees' language in FY 85, the Air Force has gathered data on the post acquisition construction projects to detail past projects on these units and any future work being programmed within a three year period. This information is provided as a part of this submittal.

Program Summary

Authorization is requested for:

- (1) Various improvements to existing family housing, as described on DD Form 1391.
- (2) Appropriation of \$ 61,770,000 to fund these projects.

NOTE: Projects within the program are within the statutory limitation of \$50,000 per unit adjusted by area cost factor, except as identified by separate DD Form 1391.

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
VARIOUS AIR FORCE BASES			POST ACQUISITION CONSTRUCTION		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
8.87.42	711-000	XXXX9500PAIP	61,770		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
POST ACQUISITION CONSTRUCTION					61,770
PROJECTS TO IMPROVE FAMILY HOUSING		UN	810	76,259	(61,770)
SUBTOTAL					61,770
TOTAL CONTRACT COST					61,770
TOTAL REQUEST					61,770
10. Description of Proposed Construction: Includes all work necessary to revitalize military family housing by providing: air conditioning, where authorized; modern functional layouts; soundproofing; and utility and site improvements. Energy conservation actions include new and additional insulation, storm windows, solar screens, and more efficient heating and cooling systems. (Continued on next pages.)					
11. <u>PROJECT</u> : This request is for appropriation of \$61.770 million to accomplish improvements in family housing units. <u>REQUIREMENT</u> : To revitalize and improve the livability of older, obsolete family housing units, to conserve energy in these older housing units, and to bring utility systems up to current safety standards. Whole-house improvements includes but are not limited to: kitchen upgrades, bathroom additions/upgrades; repair/replacement of roofs, upgrade of mechanical & electrical systems, replacement of windows, doors, floors and exterior improvements (patios, fences, etc.) <u>CURRENT SITUATION</u> : The majority of these housing units were constructed since the late 1940's using various design and construction criteria, with different types of material, installed equipment, appliances, livability, and appearance. Many utility and structural systems were designed and constructed during years of plentiful, inexpensive energy resources. Insulation, storm windows, etc., not previously cost effective, are now wise investments. This FY 1995 program will prolong the useful life of many of our older, less modern units by enhancing livability, reducing operation costs and improving safety aspects. <u>ADDITIONAL</u> : These projects meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" except as noted on the individual DD Form 1391s.					

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- WORK PROGRAMMED FOR NEXT THREE YEARS: None																										
<u>GUAM</u>																										
ANDERSEN AFB IMPROVE FAMILY HOUSING AJJY954403R1	8,821																									
- Improve 81 family housing units. Work includes enlarging the master bedroom, modernizing kitchen and bathrooms, repairing entire plumbing and electrical systems; construction of outside storage, installation of package A/C system, removal of asbestos. Whole neighborhood renovation includes construction (ie, bus shelters, playgrounds, and sidewalks).																										
- WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None																										
- WORK PROGRAMMED FOR NEXT THREE YEARS: None																										

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

POST ACQUISITION CONSTRUCTION PROJECTS (over \$50,000 per unit)

A separate DD Form 1391 follows for each Post Acquisition Construction project which is over \$50,000 per unit (multiplied by the Area Cost Factor).

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION MAXWELL AIR FORCE BASE ALABAMA			4. PROJECT TITLE IMPROVE FAMILY HOUSING			
5. PROGRAM ELEMENT 8.87.42	6. CATEGORY CODE 711-144	7. PROJECT NUMBER PNQS944020	8. PROJECT COST(\$000) 138			
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
IMPROVE FAMILY HOUSING		UN	1	127,500	128	
SUBTOTAL					128	
CONTINGENCY (5%)					6	
TOTAL CONTRACT COST					134	
SUPERVISION, INSPECTION AND OVERHEAD (3%)					4	
TOTAL REQUEST					138	
MOST EXPENSIVE UNIT				\$138,000		
AREA COST FACTOR				0.77		
10. Description of Proposed Construction: Improve one General Officer Quarters. Work includes exterior and interior repairs to electrical and mechanical systems, bathrooms, replace kitchen appliances, windows, and water/sewer lines; repair roof, floors, doors, window casing, and fireplace; repaint interior walls; clean brass hardware; relocate telephone wiring; add storage and covered patio; provide landscaping.						
11. <u>PROJECT</u> : Provides for improvements and repairs to one General Officer Quarters. <u>REQUIREMENT</u> : This project is required to provide adequate quarters for a general officer and family assigned to this installation. This is the fifth phase of a 7-phase program which will renovate a total of 6 units. (Phase 1 is programmed for FY 90 ; phase 2 cancelled; phase 3 is programmed for FY 92; phase 4 through phase 7 are programmed for FY 93 through FY 96). The project scope is in accordance with "whole house" standards and is programmed in accordance with the Housing Community Plan. <u>CURRENT SITUATION</u> : These quarters were constructed in the 1930's. They do not meet current Air Force criteria on energy conservation. The heating, ventilation, and air conditioning systems are two different systems that do not provide adequate or efficient service. The interior electrical system has deteriorated and presents a safety hazard. The doors and windows have been painted repeatedly over the years and do not open or close properly. The bathroom tiles are cracked and broken. The roof has deteriorated and portions of the deck need replacement. Covered patio was added to the quarters during the 1960's and is in dire need of repairs and is not architecturally compatible with the quarters. The internal telephone wiring throughout the home is mounted along the baseboards of the walls. The roof has severe leaks. This unit has						

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MAXWELL AIR FORCE BASE ALABAMA		
4. PROJECT TITLE		5. PROJECT NUMBER
IMPROVE FAMILY HOUSING		PNQS944020
<p>inadequate space for storage.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Excessive maintenance, repair and energy costs will continue to be incurred due to age and deterioration of the building systems. The roof will enter a failure mode, requiring ever increasing piecemeal repair and developing structural damage due to water leakage. The facility will continue to deteriorate until it can no longer be safely occupied.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> None</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None</p> <p><u>ADDITIONAL:</u> This housing unit is on the national register for historical preservation. This project meets the criteria/scope specified in Part II of Military Handbook 1190, Facility Planning and Design Guide.</p>		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
MAXWELL AIR FORCE BASE, ALABAMA			IMPROVE FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.87.42	711-144	PNQS964019	2,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
IMPROVE FAMILY HOUSING		UN	20	124,800	2,496
SUBTOTAL					2,496
CONTINGENCY (5%)					125
TOTAL CONTRACT COST					2,621
SUPERVISION, INSPECTION AND OVERHEAD (3%)					79
TOTAL REQUEST					2,700
MOST EXPENSIVE UNIT		\$182,625			
AREA COST FACTOR		0.77			
10. Description of Proposed Construction: Improve 20 Appropriated units (PFY50). Replace electrical system, HVAC, windows, doors, sunrooms floors; upgrade hot water system, sewer line, interior plumbing, light fixtures, sunrooms; repair roofs, interior hardware; refinish hardwood floors; provide new flooring in kitchen, laundry and baths; repaint interior walls, clean brass hardware. Add outside storage; landscaping.					
11. <u>PROJECT</u> : Provides for improvements and repairs to 20 Appropriated (PFY50) military family housing Senior Officer Quarters (SOQ). <u>REQUIREMENT</u> : This project is required to provide modern, energy efficient, and low maintenance housing units for senior officers and their families. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. This is the sixth phase of a 9-phase program which will renovate a total of 93 SOQ units. <u>CURRENT SITUATION</u> : These quarters were constructed in the 1930's. They do not meet current Air Force criteria on energy conservation. The heating, ventilation, and air conditioning systems are two different systems that do not provide adequate or efficient service. The interior electrical systems have deteriorated and present a safety hazard. The doors and windows have been painted repeatedly over the years and do not open or close properly. The bathroom tiles are cracked and broken. The roofs have deteriorated and portions of the decks need replacement. These units have inadequate space for storage of personal belongings and household items forcing occupants to store flammables indoors and causing tremendous living inconvenience. In addition to high utility costs, maintenance of these facilities are abnormally high and will continue to escalate if units are not improved. <u>IMPACT IF NOT PROVIDED</u> : Air Force members and their families will be					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MAXWELL AIR FORCE BASE, ALABAMA		
4. PROJECT TITLE		5. PROJECT NUMBER
IMPROVE FAMILY HOUSING		PNQS964019
<p>forced to live in substandard housing causing major morale problems for the occupants and hindering the mission of the base. Without this and subsequent phases of this initiative, repairs to these units will continue out of necessity, in a costly, piecemeal fashion, with no improvement to quality of life.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> None</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of construction, improvement, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, improvement was found to be the most cost effective over the life of the project. These quarters have been placed on the national register for historical preservation. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide."</p>		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ELMENDORF AIR FORCE BASE, ALASKA			IMPROVE FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.87.42	711-143	FXSB944001R2	6,168		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
IMPROVE FAMILY HOUSING	UN	64	54,860	3,511	
SUPPORTING FACILITIES				2,192	
UTILITIES	LS			(765)	
RECREATIONAL FACILITIES	LS			(366)	
LANDSCAPING	UN	72	2,013	(145)	
PAVEMENTS	SY	10,000	27	(270)	
FIRE SPRINKLER	UN	64	5,500	(352)	
ASBESTOS REMOVAL	UN	72	3,277	(236)	
DEMOLITION	UN	8	7,250	(58)	
SUBTOTAL				5,703	
CONTINGENCY (5%)				285	
TOTAL CONTRACT COST				5,988	
SUPERVISION, INSPECTION AND OVERHEAD (3%)				180	
TOTAL REQUEST				6,168	
MOST EXPENSIVE UNIT		\$100,000			
AREA COST FACTOR		1.69			
10. Description of Proposed Construction: Improve 8 each 8-plex. Work includes reorientated kitchens and dining rooms, addition of garages and arctic entries with half baths, remodel bath, bed and living rooms, carpet installation, and repair of siding, roofing and mech/elect systems. Exterior work includes utility upgrade, recreational facilities, pavements landscaping, and walkways. Convert basement to indoor activity room.					
11. <u>PROJECT</u> : Improve 64 family housing units. <u>REQUIREMENT</u> : Military Family Housing units must be upgraded to Air Force standards for size, safety, maintainability, appearance, and comfort. JNCO's are authorized 950 SF 2 - bedroom, 1 1/2 bathroom units, including half baths on the first floor in two story units. Attached garages, arctic entries, and adequate storage are essential for winter survival in Alaska. Private yards, improved parking, attractive landscaping, and recreational facilities (i.e., playgrounds for children, picnic shelters for families) are needed to develop a neighborhood that respects individual privacy and ensures community unity and involvement. Modern and reliable utility systems are required to provide the basic essentials of living: heat, electricity, water and sanitation. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. <u>CURRENT SITUATION</u> : Units were constructed in 1954 and have not been renovated. Their 842 NSF makes them minimally adequate for JNCOs. There are no garages and bulk storage space is minimal. Occupants must therefore store lawn, automotive, and flammable materials in their small basements, thus creating fire hazards and great inconvenience. All entries to the units from the parking area must pass through small, substandard kitchens. The dining room is only 8'-7" wide. The living room is					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		
4. PROJECT TITLE IMPROVE FAMILY HOUSING	5. PROJECT NUMBER FXSB944001R2	
<p>bisected by entry/stair traffic, making furniture placement and room usage difficult. The 2nd floor bathroom is poorly laid out with inadequate lavatory and storage space, and antiquated fixtures. No bathroom exists on the first floor. Utilities provide inadequate, inefficient, and often unsafe service at increasing maintenance costs. Neighborhoods contain no playgrounds, sparse landscaping, and broken sidewalks. Open court parking is congested and individual units lack any exterior privacy. There is no sense of community or home.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Unrenovated and without garages, these MFH units will continue to deteriorate. Maintenance, repair and operations costs of these quarters will continue to increase due to the age and deterioration of the building systems. The Air Force will continue to fund excessive maintenance and energy costs. The units will continue to deteriorate until they become uninhabitable. Failure to provide adequate housing will result in higher out of pocket expenses, and lower morale and retention.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> None.</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of the Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project. The initial cost percentage of improvement versus replacement cost is 49 percent.</p>		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
LITTLE ROCK AIR FORCE BASE, ARKANSAS			IMPROVE GENERAL OFFICER QUARTERS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
8.87.42	711-111	NKAK954001	122		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
IMPROVE GENERAL OFFICER QUARTERS		UN	1	106,000	106
SUPPORTING FACILITIES			2,800	300	6
ASBESTOS REMOVAL		LS			(3)
LEAD PAINT ABATEMENT		LS			(3)
SUBTOTAL					112
CONTINGENCY (5%)					6
TOTAL CONTRACT COST					118
SUPERVISION, INSPECTION AND OVERHEAD (3%)					4
TOTAL REQUEST					122
MOST EXPENSIVE UNIT					\$122,000
AREA COST FACTOR					0.79
10. Description of Proposed Construction: Improve one GOQ. Reconfigure living room, dining area, bedrooms, laundry, entry, add bulk storage and modernize kitchen and bathrooms. Convert carport to a garage. Replace flat roof with sloped roof. Replace windows, doors, lighting, electrical system, HVAC, and finishes. Enclose soffits and repair siding. Remove asbestos and abate lead paint. Add net square footage.					
11. <u>PROJECT</u> : Improve 1 Capehart General Officer unit. <u>REQUIREMENT</u> : Provide adequate quarters for a general officer and family meeting whole house standards. <u>CURRENT SITUATION</u> : Implementation of the Air Force Objective Wing concept created a new general officer position at this base and a general officer is now assigned as the Wing Commander. The existing unit has received no major renovation or upgrades since its construction in 1958. The kitchen configuration creates a circulation problem, and with the washer and dryer located in the kitchen, there is unusable space. Three of the four bedrooms and their closets are undersize. Bathrooms have dated ceramic tile floors, wainscot, and vanity cabinets. Dining area is undersize. Heat pump, water heater and plumbing fixtures are at the end of their useful life. Below slab sanitary sewage lines have deteriorated and need to be replaced. Bathroom receptacles lack ground-fault circuit-interrupter or circuit breaker, and unit wiring lacks ground conductor. Flat carport roof is leaking, causing the plywood deck to rot. Paint on wood fascia is peeling. Windows require replacement. Net square footage will be increased to authorized amount. <u>IMPACT IF NOT PROVIDED</u> : Unit will continue to deteriorate, exacerbating maintenance and repair costs. Energy consumption will increase due to age and deterioration of inadequate and inefficient building systems. Utility					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LITTLE ROCK AIR FORCE BASE, ARKANSAS		
4. PROJECT TITLE		5. PROJECT NUMBER
IMPROVE GENERAL OFFICER QUARTERS		NKAK954001
<p>costs will continue to increase. Unit will become uninhabitable.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> FY92 Construct Patio \$11.6K; FY92 Repair Porch \$13.2K</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None.</p> <p><u>ADDITIONAL:</u> Project is IAW Housing Community Plan. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project. The initial cost of improvement is 68.9% of replacement cost.</p>		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA				4. PROJECT TITLE IMPROVE GENERAL OFFICERS QUARTERS		
5. PROGRAM ELEMENT 8.87.42	6. CATEGORY CODE 711-143	7. PROJECT NUMBER XDAT954003	8. PROJECT COST(\$000) 236			
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
IMPROVE GENERAL OFFICERS QUARTERS		UN	3	67,800	203	
SUPPORTING FACILITIES					15	
ASBESTOS REMOVAL		UN	3	1,000	(3)	
LEAD PAINT ABATEMENT		UN	3	4,000	(12)	
SUBTOTAL					218	
CONTINGENCY (5%)					11	
TOTAL CONTRACT COST					229	
SUPERVISION, INSPECTION AND OVERHEAD (3%)					7	
TOTAL REQUEST					236	
MOST EXPENSIVE UNIT				\$88,916		
AREA COST FACTOR				1.37		
10. Description of Proposed Construction: Improve three General Officer units. Reconfigure kitchen/laundry area; upgrade bathrooms, mechanical and electrical systems. Replace exterior wood doors, including garage; repair windows, replace roof and add insulation, insulate exterior walls; upgrade driveways, off-street parking, landscaping, and irrigation. Remove asbestos and abate lead paint.						
11. <u>PROJECT</u> : Improve 3 appropriated General Officer units. <u>REQUIREMENT</u> : Project is required to provide adequate quarters for the Travis Wing Commander and two Numbered Air Force Commanders. Units require modernization to provide energy efficient and low maintenance housing. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. <u>CURRENT SITUATION</u> : Implementation of the Air Force Objective Wing concept created a new general officer position at this base and a general officer is now assigned as the Wing Commander. One unit was constructed in 1957, the other two units in 1962; all have received only minor improvements, maintenance and repairs. Existing roof slope is insufficient and roof and siding is uninsulated. Kitchen and laundry room layout is inefficient. Two units lack family rooms. Mechanical system has exceeded useful life expectancy and requires replacement, along with outdated ducting. Electrical system does not conform to current code. Bathroom fixtures and flooring and driveways require replacement. Off-street parking is minimal. <u>IMPACT IF NOT PROVIDED</u> : Units will continue to deteriorate, exacerbating maintenance and repair costs. Energy consumption will increase due to age and deterioration of inadequate and inefficient building systems. Utility costs will continue to increase. Units will become uninhabitable.						

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
TRAVIS AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
IMPROVE GENERAL OFFICERS QUARTERS	XDAT954003	
<p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> FY93 Repair Electrical Outlet Box, Replace Carpet, Interior Paint, Repair Ceiling, Landscape \$16.8K</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None</p> <p><u>ADDITIONAL:</u> This project is programmed in accordance with the Housing Community Plan and meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION EGLIN AUX FIELD 9, FLORIDA		4. PROJECT TITLE CONVERT SENIOR OFFICER QUARTRS TO GENERAL OFFICER QUARTERS		
5. PROGRAM ELEMENT 8.87.42	6. CATEGORY CODE 711-143	7. PROJECT NUMBER FTEV944010	8. PROJECT COST(\$000) 80	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
CONVERT SOQ TO GOQ HSG	LS			59
SUPPORTING FACILITIES				15
GARAGE	SF	400	20	(8)
DEMOLITION	LS			(2)
LANDSCAPING	LS			(1)
PAVEMENT	LS			(4)
SUBTOTAL				74
CONTINGENCY (5%)				4
TOTAL CONTRACT COST				78
SUPERVISION, INSPECTION AND OVERHEAD (3%)				2
TOTAL REQUEST				80
MOST EXPENSIVE UNIT		\$80,000		
AREA COST FACTOR		0.83		
10. Description of Proposed Construction: Convert Senior Officer Quarters to General Officer Quarters by constructing an addition, including dining room, entry, garage and storage area, relocate kitchen and laundry room. Replace/relocate air conditioning unit and provide landscaping. Air Conditioning: 5 Tons.				
11. REQUIREMENT: 2,310 ADEQUATE: 1,780 SUBSTANDARD: 0 PROJECT: Add to and convert Senior Officer's Quarters to Installation Commander General Officer's Quarters. REQUIREMENT: Project is required to provide adequate quarters for the installation commander and his family. Additional space is required for entertaining and official functions. A larger kitchen and additional storage is also needed. Adequate General Officer unit is required for new General Officer position. Improved building systems including heating, ventilating and air conditioning systems, insulation, window and door hardware, electrical and plumbing fixtures, and energy efficient appliances are required. CURRENT SITUATION: This unit was constructed in 1957 and received some improvements in 1988 making it a more economical unit to convert to a General Officer Unit than alternatives. However, the unit does not offer sufficient square footage authorized for a General Officer Quarters. The kitchen and dining rooms are too small to accommodate the number of persons expected at installation commander's functions, including visiting general officers and high ranking civilians. There is no other housing unit that can be used or converted to a GOQ without additional construction work. IMPACT IF NOT PROVIDED: The Wing Commander will not be able to perform				

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION EGLIN AUX FIELD 9, FLORIDA		
4. PROJECT TITLE CONVERT SENIOR OFFICER QUARTRS TO GENERAL OFFICER QUARTERS		5. PROJECT NUMBER FTEV944010
<p>duties effectively or efficiently in an undersized and substandard unit.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> None.</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None.</p> <p><u>ADDITIONAL:</u> This project was unforeseen when the Housing Community Plan was developed. The Installation Commander's position has been upgraded from Colonel to Brigadier General. The proposed project will provide adequate housing for the general officer for 25 years, without additional major investments other than routine and cyclical repairs. An economic analysis has been prepared at Hurlburt Field comparing the alternatives of new construction, revitalization, and raze & build. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide."</p>		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ANDREWS AIR FORCE BASE, MARYLAND			IMPROVE FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.87.42	711-143	AJXF904000R	9,810		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
IMPROVE FAMILY HOUSING	LS			7,855	
HOUSING UNITS	UN	110	63,610	(6,997)	
HOUSING UNITS	UN	20	42,900	(858)	
SUPPORTING FACILITIES				1,215	
UTILITIES	LS			(300)	
DEMOLITION & DISPOSAL	LS			(264)	
DRAINAGE	LS			(207)	
ASBESTOS/LEAD PAINT ABATEMENT	LS			(217)	
LANDSCAPING & SIGNAGE	LS			(227)	
SUBTOTAL				9,070	
CONTINGENCY (5%)				454	
TOTAL CONTRACT COST				9,524	
SUPERVISION, INSPECTION AND OVERHEAD (3%)				286	
TOTAL REQUEST				9,810	
MOST EXPENSIVE UNIT		\$90,500			
AREA COST FACTOR		1.05			
10. Description of Proposed Construction: Improve 130 housing units. Renovate kitchens and bathrooms, add/renovate living space, replace windows, mechanical and electrical systems, improve exterior finish, provide patios, privacy fences, and carports. Replace utility service lines to domestic potable water main, improve drainage, landscaping, and signage. Remove asbestos and abate lead paint.					
11. PROJECT: Improve 130 Junior NCO Appropriated housing units. <u>REQUIREMENT:</u> Provide adequate housing and neighborhoods for military members and their families meeting "whole house" standards. <u>CURRENT SITUATION:</u> These wood-frame, concrete slab on grade units were constructed in 1966 and have received only routine maintenance and repair since construction. Kitchens lack dishwashers, have insufficient countertop and cabinet area, and wood cabinets are dated. 4-bedroom units have vinyl asbestos tile flooring in kitchen, bedrooms, halls, and living and dining rooms. Bathrooms lack vanities. No family rooms exist. Gas-fired water heater, furnace, range, plumbing fixtures, and air conditioner are nearing the end of their useful life and are energy inefficient. The bathroom and outdoor outlets have no ground-fault circuit interrupters, electric panel is located in the kitchen, and circuit breakers are not reliable. Windows need to be replaced with vinyl-clad wood with insulating glass and screen. All exterior wood siding, fascia and trim need to be replaced. Bathroom wall covering, ceramic tile, tub, shower, and fixtures need to be replaced. Covered off-street parking is not provided. <u>IMPACT IF NOT PROVIDED:</u> Major morale problems will result because military members and their families will continue to occupy substandard housing. The housing units will become uninhabitable through					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ANDREWS AIR FORCE BASE, MARYLAND		
4. PROJECT TITLE	5. PROJECT NUMBER	
IMPROVE FAMILY HOUSING	AJXF904000R	
<p>deterioration. Maintenance and utility costs will continue to escalate. Without this and subsequent projects, repairs will continue to be accomplished out of necessity, in a very costly, piecemeal fashion, with no improvement to quality of life.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> None</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None</p> <p><u>ADDITIONAL:</u> Project is programmed in accordance with the Housing Community Plan. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project.</p>		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
KEESLER AIR FORCE BASE, MISSISSIPPI			IMPROVE GENERAL OFFICER HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
8.87.42	711-111	MAHG954007	85		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
IMPROVE GENERAL OFFICER CAPEHART UNIT	UN	1		65	
ADDITION	SF	437	61	(27)	
IMPROVEMENT	SF	1,663	23	(38)	
SUPPORTING FACILITIES				10	
SITE IMPROVEMENTS	LS			(8)	
UTILITIES	LS			(2)	
SUBTOTAL				75	
CONTINGENCY (10%)				8	
TOTAL CONTRACT COST				83	
SUPERVISION, INSPECTION AND OVERHEAD (3%)				2	
TOTAL REQUEST				85	
MOST EXPENSIVE UNIT		\$85,000			
AREA COST FACTOR		0.84			
10. Description of Proposed Construction: Convert Senior Officer Quarters to a General Officer Quarters. Project includes interior repair of all areas and building systems as well as alteration of living room, dining room, kitchen, baths, and laundry area. Work also includes construction of a den addition, garage, concrete driveway, walk, and entrance courtyard.					
11. <u>PROJECT</u> : Convert a Senior Officer's Quarters (SOQ) to a General Officer's Quarters (GOQ). <u>REQUIREMENT</u> : Provide adequate housing for general officer commanding a new mission at Keesler AFB. The 2nd Air Force will be headquartered at Keesler AFB and was activated on 1 Jul 93 as part of the Air Education and Training Command (AETC) standup. Conversion of a Senior Officer Quarters to a General Officer Quarters is required housing the 2nd Air Force Commander. All work proposed is needed for the Commander to effectively and efficiently carry out commissioned duties. <u>CURRENT SITUATION</u> : Keesler AFB currently has only one MFH unit which meets General Officer standards and it is utilized to meet the current GOQ requirement. SOQ adjacent to the existing GOQ is the most appropriate location to house the incoming general officer and is the unit which will be improved by this project. In order to provide adequate quarters that meet standards for a General Officer, expansion and renovation of the unit is required. The existing unit is 437 SF short of authorized space for a GOQ. The existing unit is approaching 30 years in age. Building systems such as electrical, mechanical, roofing, plumbing, door and window hardware are deteriorated. The unit does not energy saving insulation or utility systems that meet standards. <u>IMPACT IF NOT PROVIDED</u> : New General Officer will be housed in a unit with					

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION KEESLER AIR FORCE BASE, MISSISSIPPI		
4. PROJECT TITLE IMPROVE GENERAL OFFICER HOUSING	5. PROJECT NUMBER MAHG954007	
<p>size and configuration that do not meet authorized standards. The effectiveness and efficiency of performance of commissioned duties as Commander will be compromised. The Air Force will continue to incur excessive maintenance and repair costs and pay high utility bills due to the age and deterioration of the facility.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> None</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None</p> <p><u>ADDITIONAL:</u> The work will increase the net square footage by 437 SF from 1663 SF to 2100 SF. The initial cost for this improvement project is 68% of the initial cost of a replacement project. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project.</p>		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
CANNON AIR FORCE BASE, NEW MEXICO			IMPROVE FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
8.87.42	711-143	CZQZ900014	6,109		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
IMPROVE FAMILY HOUSING - PHASE 2		UN	86	42,730	3,675
SUPPORTING FACILITIES					1,974
LANDSCAPING & PRIVACY FENCING		LS			(401)
RECREATION		LS			(150)
SITE PREPARATION		LS			(95)
ROADS & PAVING		LS			(145)
UTILITIES		LS			(195)
GARAGES AND STORAGE		UN	86	5,174	(445)
DEMOLITION, ASBESTOS & LBP REMOVAL		LS			(543)
SUBTOTAL					5,649
CONTINGENCY (5%)					282
TOTAL CONTRACT COST					5,931
SUPERVISION, INSPECTION AND OVERHEAD (3%)					178
TOTAL REQUEST					6,109
MOST EXPENSIVE UNIT					\$85,682
AREA COST FACTOR					1.10
10. Description of Proposed Construction: Improve 86 housing units. Includes renovating kitchen and baths, replacing interior lights and wiring, reconfiguring floor plans, improving interior and exterior finishes, and repairing pavements. Provides landscaping, playgrounds and recreation areas. Includes asbestos and lead paint removal. Remove and replace privacy fencing. Replaces carports with garages.					
11. <u>PROJECT</u> : Improve 86 Family Housing Units. <u>REQUIREMENT</u> : This project is required to provide modern and efficient housing for military members and their dependents stationed at Cannon AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Improved units will provide a safe, comfortable, and appealing living environment comparable to off-base communities. This is the second of multiple phases to improve 190 housing units for base personnel, 840 units have already been upgraded and 331 will be completed in subsequent phases. These improvements will provide a modern kitchen, living room, and bath configuration with ample interior and exterior storage. Exterior parking will be provided for a second vehicle. The neighborhood support infrastructure will be upgraded to meet modern living needs including, landscaping, playgrounds, and recreation areas. <u>CURRENT SITUATION</u> : This project improves units which are over 38 years old and are showing the effects of age and continuous heavy use. Units have had no major upgrades since construction and do not meet the needs of today's families, nor do they provide a modern home environment. Kitchens are narrow and dark, and do not provide adequate cabinet and counter top space. Washing machines and dryers are located in the kitchens causing a lack of ample work space for performing household chores. The bathrooms					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CANNON AIR FORCE BASE, NEW MEXICO		
4. PROJECT TITLE	5. PROJECT NUMBER	
IMPROVE FAMILY HOUSING	CZQZ900014	
<p>are very small and in poor condition. Bathroom fixtures are outdated and energy inefficient. The interior of outside walls is uninsulated painted masonry block, and interior partition walls are inferior grade wallboard. The ceiling is an exposed wood beam/slat material. Lighting in hallways, bathrooms, and bedrooms is inadequate. The exteriors of these units lack landscaping and have no covered patio for protection from the sun when outside. Off street parking is severely limited, and traffic flow in and around housing area is inefficient.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to live in extremely outdated, unsuitable and unsatisfactory housing. The housing will continue to deteriorate with age, resulting in increasing and unacceptable maintenance and repair costs, and extreme hardship to the occupants. Without this and subsequent phases of this initiative, repairs of these units will continue in a costly, piecemeal fashion, with little or no improvement in living quality. Low morale and retention problems can be expected if such conditions are permitted to continue.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> During the past three years, improvements have been made to 231 units for a total of \$774,302. These include: new exterior finishes, new sloped roofs, front entrances, and window and exterior painting, none of which will be reaccomplished in this project.</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of new construction, improvement, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, improvement was found to be the most cost effective over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO				4. PROJECT TITLE IMPROVE FAMILY HOUSING		
5. PROGRAM ELEMENT 8.87.42		6. CATEGORY CODE 711-121	7. PROJECT NUMBER ZHTV820016P8		8. PROJECT COST(\$000) 4,700	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
IMPROVE FAMILY HOUSING		LS			3,434	
WHERRY FAMILY HOUSING		UN	87	34,510	(3,002)	
ADD/ALTER SENIOR OFFICER HOUSING		UN	4	108,000	(432)	
SUPPORTING FACILITIES					912	
OFF STREET PARKING		LS			(132)	
AREA LIGHTING		LS			(141)	
RECREATION		LS			(81)	
FIRE SPRINKLERS		LS			(558)	
SUBTOTAL					4,346	
CONTINGENCY (5%)					217	
TOTAL CONTRACT COST					4,563	
SUPERVISION, INSPECTION AND OVERHEAD (3%)					137	
TOTAL REQUEST					4,700	
MOST EXPENSIVE UNIT				\$157,000		
AREA COST FACTOR				1.00		
10. Description of Proposed Construction: Improve 87 Wherry units and 4 SOQs. Work includes new plumbing, electrical, HVAC systems, refinishing interior surfaces, and reconfiguration of functional layout. Improve exterior by installing rear entry steel doors, provide patios, privacy fences, storage sheds and correct drainage. Construct additions to the SOQs to add authorized square footage. Provide radon mitigation.						
11. PROJECT: Provide "whole house" improvements to 87 Wherry housing units and 4 Senior Officers housing units. <u>REQUIREMENT:</u> Adequate living quarters are required for families of military members assigned to this base. Improvements needed to Wherry housing units include installation of rear entry steel doors, patios with screens for occupants' privacy, and area improvements to facilitate family recreation, safety and quality of life. Additional living space along with minor reconfiguration and upgrade of utilities in the existing structures are necessary to bring these units up to the livability standards of similar quarters both on and off base. Upgrade of electrical, plumbing and HVAC systems is needed to comply with Air Force and National building codes and to improve safety, reliability and economy of operation. To meet current family requirements, 31 oversized 4/5 bedroom units are being converted to 62 - 2 bedroom units to address the base's deficit of 2 bedroom units. <u>CURRENT SITUATION:</u> The Wherry units were constructed in 1950's and have had no major improvements since original construction. Due to exposure to weather conditions and heavy usage the rear entry wooden doors have deteriorated. Because of the high density of this development, the occupants have no outdoor privacy. The SOQs were constructed in 1935 and are located in a proposed historic district. They have had only routine						

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO		
4. PROJECT TITLE IMPROVE FAMILY HOUSING	5. PROJECT NUMBER ZHTV820016P8	
<p>repairs and minor improvements. The wiring and plumbing consist of original system in both the Wherry and SOQ units mixed with some newer material added over the years. The existing room layouts in these units are cramped and poorly arranged. The SOQs are well below the authorized 1700 NSF. The proposed additions will provide a master bedroom with bath and family room. Two types of Wherry housing units require additions of approximately 344 square feet to reach the authorized space and internal renovation and reconfiguration to meet current housing standards. Accoustical and thermal insulation is also required.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to be housed in unsuitable conditions, affecting morale and the retention of quality experienced personnel. These units will continue to deteriorate past the point of repair, resulting in loss of valuable economic assets to the Air Force.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> NONE.</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> NONE.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of replacement construction, improvement, leasing and status quo operation. Based on the net present value and benefits of the respective alternatives, improvement was found to be the most cost effective over the life of the project. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ALTUS AIR FORCE BASE, OKLAHOMA			IMPROVE CAPEHART HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
8.87.42	711-111	AGGN934013	6,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
IMPROVE CAPEHART HOUSING PHASE 5 OF 5					6,103
UNIT IMPROVEMENTS		UN	122	49,600	(6,051)
ASBESTOS REMOVAL		UN	122	425	(52)
SUBTOTAL					6,103
CONTINGENCY (5%)					305
TOTAL CONTRACT COST					6,408
SUPERVISION, INSPECTION AND OVERHEAD (3%)					192
TOTAL REQUEST					6,600
MOST EXPENSIVE UNIT					\$101,558
AREA COST FACTOR					0.86
10. Description of Proposed Construction: Improve 122 Capehart units. Upgrade electrical, plumbing, heating and air conditioning systems. Alter unit to provide proper kitchen, bathroom, family room, and front entry. Provide storage shed, privacy screening, walkways, gutters, and landscaping. Repair roofing, flooring, and wall finishes.					
11. <u>PROJECT</u> : Improve 122 family housing units. <u>REQUIREMENT</u> : Provide adequate housing for military members and their families meeting "whole house" standards and are programmed in accordance with the Housing Community Plan. This project is the fifth of a 5 phase program to improve Capehart housing at Altus AFB. <u>CURRENT SITUATION</u> : These units were constructed in 1957 and have received only routine maintenance and repair since construction. Metal kitchen cabinets have outlived their useful life, kitchen has insufficient work space. Bathroom has dated fixtures, tile, and no vanity. The laundry area is located in the garage and lacks shelves or cabinets. Front entry is not sheltered from the elements. There are no ground-fault circuit interrupters in kitchen or exterior; inadequate number of electrical receptacles in the unit; overhead electrical service is fed from pole-mounted transformer; smoke detectors are lacking. Units lack attic vents, gutters, landscaping, trash enclosure and adequate storage. <u>IMPACT IF NOT PROVIDED</u> : Units will continue to deteriorate, increasing maintenance and repair costs. Quality of life for Air Force members and their families will continue to be inadequate having an adverse impact on morale and work productivity. <u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS</u> : None. <u>WORK PROGRAMMED FOR NEXT THREE YEARS</u> : None. <u>ADDITIONAL</u> : The replacement costs of these units averages \$86,900 per					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
ALTUS AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
IMPROVE CAPEHART HOUSING	AGGN934013	

unit. The initial cost for this improvement project is 62% of the initial replacement cost. This project will provide adequate housing for another 30 years without additional major investments other than routine and cyclical repairs. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project.

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION CHARLESTON AIR FORCE BASE, SOUTH CAROLINA			4. PROJECT TITLE IMPROVE CAPEHART HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.87.42	711-111	DKFX914036	4,871		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
IMPROVE CAPEHART HOUSING, PHASE 4		UN	88	51,181	4,504
SUBTOTAL					4,504
CONTINGENCY (5%)					225
TOTAL CONTRACT COST					4,729
SUPERVISION, INSPECTION AND OVERHEAD (3%)					142
TOTAL REQUEST					4,871
MOST EXPENSIVE UNIT					\$65,290
AREA COST FACTOR					0.91
10. Description of Proposed Construction: Improve 88 Capehart units. Add family rooms and baths, modify laundry room, construct trash screens, renovate kitchens and bathrooms; upgrade utilities, replace windows, roofs, lights, closet doors, flooring, heating, ventilating, and air conditioning systems. Install insulation, reconfigure interiors and remove lead based paint.					
11. PROJECT: Improve 88 Capehart housing units. <u>REQUIREMENT:</u> To provide adequate quarters for military members and their families assigned to Charleston AFB. Improvements will prolong the useful life of these older, less modern units by enhancing livability and reducing operating costs. This is the fourth phase of an 11 phase project. This project conforms to "whole house" standards and is programmed in accordance with the Charleston Air Force Base Housing Community Plan. <u>CURRENT SITUATION:</u> These units were constructed in 1960 and have received no major renovation, other than routine maintenance and repairs, since construction. Interior reconfiguration is required for better space utilization and to provide additional space for family rooms. Original kitchen and bath fixtures require replacement. Building systems including windows, light fixtures ceilings and walls cause high loss of energy due to inefficient designs of the early 1960's, deterioration due to age, and lack of insulation. Morale and quality of life for military members and their families is adversely affected due to the substandard housing units. <u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to be inadequately housed. Morale and retention of quality personnel could be seriously affected. High maintenance and utility costs will continue and escalate without these improvements.					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CHARLESTON AIR FORCE BASE, SOUTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
IMPROVE CAPEHART HOUSING	DKFX914036	
<p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> None</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project.</p>		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION CHARLESTON AIR FORCE BASE, SOUTH CAROLINA			4. PROJECT TITLE IMPROVE GENERAL OFFICER QUARTERS		
5. PROGRAM ELEMENT 8.87.42	6. CATEGORY CODE 711-111	7. PROJECT NUMBER DKFX954036C1	8. PROJECT COST(\$000) 100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
IMPROVE GENERAL OFFICER QUARTERS		UN	1	86,000	86
SUPPORTING FACILITIES					6
ASBESTOS REMOVAL		LS			(3)
LEAD PAINT ABATEMENT		LS			(3)
SUBTOTAL					92
CONTINGENCY (5%)					5
TOTAL CONTRACT COST					97
SUPERVISION, INSPECTION AND OVERHEAD (3%)					3
TOTAL REQUEST					100
MOST EXPENSIVE UNIT					\$100,000
AREA COST FACTOR					0.91
10. Description of Proposed Construction: Improve one General Officer Quarters. Renovate kitchen and bathrooms, upgrade electrical and mechanical systems, replace windows and doors, replace wood siding and roof, install patio and exterior lighting, landscape. Increase size of bedrooms, kitchen/breakfast area, dining room, and laundry room to net allowable square footage. Remove asbestos and abate lead paint.					
11. <u>PROJECT</u> : Improve 1 Capehart General Officer Unit. <u>REQUIREMENT</u> : Provide adequate quarters for a general officer and family meeting "whole house" standards. <u>CURRENT SITUATION</u> : Implementation of the Air Force Objective Wing concept created a new general officer position at this base and a general officer is now assigned as the Wing Commander. The existing unit has received no major renovation or upgrades since its construction in 1957. The roof is in poor condition, the kitchen has old, outdated cabinets and poor quality sheet vinyl flooring. The furnace, water heaters and plumbing fixtures are at the end of their useful life. Electrical receptacles are not grounded and the bathrooms lack receptacles. Windows require replacement. Wood siding, fascia and trim, contribute to maintenance and mildew problems. Laundry area is in the kitchen. Net square footage is less than authorized amount. <u>IMPACT IF NOT PROVIDED</u> : Unit will continue to deteriorate, exacerbating maintenance and repair costs. Quality of life for the General Officer and family will not be commensurate with position and rank. <u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS</u> : FY92 Landscape \$5.1K; FY93 Install Carpet \$4.8K; FY94 Replace Doors \$11.8K <u>WORK PROGRAMMED FOR NEXT THREE YEARS</u> : None <u>ADDITIONAL</u> : Project is programmed in accordance with the Housing					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CHARLESTON AIR FORCE BASE, SOUTH CAROLINA		
4. PROJECT TITLE	5. PROJECT NUMBER	
IMPROVE GENERAL OFFICER QUARTERS	DKFX954036C1	
<p>Community Plan. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" An economic analysis has been prepared comparing the alternatives of new construction, revitalization, and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project. The initial cost of improvement is 62.9% of replacement cost.</p>		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION LAUGHLIN AIR FORCE BASE, TEXAS			4. PROJECT TITLE IMPROVE CAPEHART HOUSING		
5. PROGRAM ELEMENT 8.87.42	6. CATEGORY CODE 711-111	7. PROJECT NUMBER MXDP947000	8. PROJECT COST(\$000) 3,761		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
IMPROVE CAPEHART HOUSING		UN	62	56,080	3,477
SUBTOTAL					3,477
CONTINGENCY (5%)					174
TOTAL CONTRACT COST					3,651
SUPERVISION, INSPECTION AND OVERHEAD (3%)					110
TOTAL REQUEST					3,761
MOST EXPENSIVE UNIT					\$72,800
AREA COST FACTOR					0.95
10. Description of Proposed Construction: Improve 62 family housing units. Upgrade kitchen/baths, correct floor plan/unit layout deficiencies, provide second bath as required, upgrade electrical/plumbing systems, replace doors/windows with energy efficient units, insulate ceiling and exterior walls, install carpet, paint, repair/treat termite damage provide patio covers, enlarge storage sheds and landscape as required.					
11. <u>PROJECT</u> : Provides for improvements/repairs to 62 family housing units. <u>REQUIREMENT</u> : Project is required to provide adequate quarters for military members and their families assigned to this installation. It is the third of a 4-phase construction program to renovate a total of 413 Capehart Units. Project will provide a safe, comfortable, and appealing living environment comparable to the off-base community. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. <u>CURRENT SITUATION</u> : These units were constructed in 1959 and have received no major renovation, other than routine work including replacement of roofs during 1987 and change of occupancy maintenance, since construction. The kitchens require reconfiguration to provide adequate storage, cabinet, and countertop areas. Various units have only one bathroom, and existing bathrooms require the replacement of all original fixtures. The existing electrical and plumbing systems are inadequate and need replacement. The units have minimal outside storage and the patios are inadequate, with little privacy and no cover. Existing doors/windows are energy inefficient. The existing gypsum board walls and ceilings do not contain adequate insulation. Wood studs behind wall board have been damaged by termites and must be replaced.					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LAUGHLIN AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
IMPROVE CAPEHART HOUSING	MXDP947000	
<p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to be housed in unsatisfactory conditions, affecting morale and the retention of quality personnel. The Air Force will continue to pay high maintenance and utility costs. Units will eventually become uninhabitable if not improved and maintenance will be done in a costly and piecemeal fashion.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> Heating, ventilating and air conditioning systems were replaced in FY 92.</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None</p> <p><u>ADDITIONAL:</u> The replacement costs of these units vary from \$56,000 to \$97,000 per unit. The total work in this project represents a maximum of 50% of the replacement cost of an individual unit. The units, with required termite repairs, are considered structurally sound and the proposed project should provide adequate housing for at least another 20 years without additional major investments other than routine or cyclic repairs. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective over the life of the project. Project meets criteria established in Military Handbook 1190, "Facility Planning and Design Guide".</p>		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION SHEPPARD AIR FORCE BASE, TEXAS				4. PROJECT TITLE IMPROVE CAPEHART HOUSING		
5. PROGRAM ELEMENT 8.87.42		6. CATEGORY CODE 711-111	7. PROJECT NUMBER VNVP920023		8. PROJECT COST (\$000) 2,122	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
IMPROVE CAPEHART HOUSING						1,945
TYPE 2 UNITS (JNCO/SNCO)			UN	52	37,400	(1,945)
SUPPORTING FACILITIES						17
LEAD PAINT REMOVAL/DISPOSAL			UN	52	320	(17)
SUBTOTAL						1,962
CONTINGENCY (5%)						98
TOTAL CONTRACT COST						2,060
SUPERVISION, INSPECTION AND OVERHEAD (3%)						62
TOTAL REQUEST						2,122
MOST EXPENSIVE UNIT						\$54,600
AREA COST FACTOR						0.94
10. Description of Proposed Construction: Improve 52 Capehart units. Renovate kitchens/baths, upgrade electrical/plumbing/mechanical systems, enlarge master bedroom closets, provide patios and storage sheds, correct floor plan/unit layout deficiencies, provide family rooms, upgrade/paint interiors, and landscape as required.						
11. PROJECT: Improve 52 Capehart housing units. <u>REQUIREMENT:</u> Provide adequate quarters for military members and their families assigned to Sheppard Air Force Base. This project is the third phase of a four-phase construction program to renovate a total of 489 Capehart units. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. <u>CURRENT SITUATION:</u> These units were constructed in 1960 and have received no major renovation, other than routine work and change of occupancy maintenance, since construction. These units do not meet the needs of today's families, nor do they provide a modern, comfortable, and safe home living environment. The kitchens require reconfiguration to provide adequate storage, cabinet, and countertop areas. Bathrooms require the replacement of all original fixtures and gas heaters. The existing lighting is inadequate and not energy efficient, while the receptacles in the kitchens and bathrooms do not provide ground fault protection. Units have insufficient outside storage forcing occupants to store hazardous materials and equipment inside the quarters. Building systems such as plumbing, electrical, and mechanical systems require excessive maintenance and repair due to deterioration by age. <u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to be housed in unsatisfactory conditions, affecting morale and retention of quality personnel. Maintenance and repairs of the units will						

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
SHEPPARD AIR FORCE BASE, TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
IMPROVE CAPEHART HOUSING	VNVP920023	
<p>continue in a costly and piecemeal fashion. Energy costs will continue to rise due to the inefficient and antiquated building systems. Housing will continue to be occupied until it becomes uninhabitable.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> None.</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None</p> <p><u>ADDITIONAL:</u> The replacement cost of these units is approximately \$80,500 per unit. The initial cost of this improvement project is 46 percent of the replacement cost. The proposed project will provide adequate housing for at least 20 years without additional investments. Routine maintenance and energy costs will be significantly decreased while quality of life and morale is significantly increased. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION WOOMERA AIR STATION, AUSTRALIA			4. PROJECT TITLE IMPROVE FAMILY HOUSING		
5. PROGRAM ELEMENT 8.87.42	6. CATEGORY CODE 711-143	7. PROJECT NUMBER ZGTT954002	8. PROJECT COST (\$000) 440		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
IMPROVE FAMILY HOUSING		UN	6	55,000	330
SUPPORTING FACILITIES					45
UTILITIES		LS			(15)
PAVEMENTS		LS			(21)
SITE IMPROVEMENTS		LS			(9)
SUBTOTAL					375
CONTINGENCY (10%)					38
TOTAL CONTRACT COST					413
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					27
TOTAL REQUEST					440
MOST EXPENSIVE UNIT				\$92,400	
AREA COST FACTOR				1.55	
10. Description of Proposed Construction: Improve 6 family housing units. Renovate kitchen and baths; replace HVAC, electrical wiring and fixtures, plumbing and fixtures, doors and windows, ceilings, and weatherize with insulation; repaint interior; landscape yards and install sprinkler system. Do all appurtenant work.					
11. <u>PROJECT</u> : Improve 6 family housing units. <u>REQUIREMENT</u> : To provide adequate, modern, and safe family housing for military members and their dependents. Provide all needed repairs and improvements under one contract while the entire group of houses is vacant to reduce the cost of the work and to avoid inconveniencing an occupant and the neighbors. All units will meet "whole house" standards. <u>CURRENT SITUATION</u> : Original insulation is 30 years old and thermal protection is inadequate for this harsh desert environment. Original window frames are difficult to operate and are not energy efficient. The existing reverse cycle HVAC systems were designed for use in the climate of Adelaide, South Australia, not the extreme temperatures found in Woomera. During the summer months, the temperature reaches 45 deg C and below 10 deg C in the winter. These units do not provide sufficient heating or cooling. The galvanized gutter system is corroded and leaks. Storm water drainage piping is broken and clogged from the debris flowing through the rotted gutter system. Village directives call for reducing sodded areas to 150 Sq meters per housing unit. All our homes exceed this limit. <u>IMPACT IF NOT PROVIDED</u> : The housing does not satisfy current Air Force Quality of Life Standards. Families are forced to live in facilities that are substandard and not consistent with the quality of today's housing construction. These units will continue to deteriorate at a rapid rate					

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
WOOMERA AIR STATION, AUSTRALIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
IMPROVE FAMILY HOUSING	ZGTT954002	
<p>increasing repair and maintenance costs.</p> <p><u>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS:</u> None</p> <p><u>WORK PROGRAMMED FOR NEXT THREE YEARS:</u> None</p> <p><u>ADDITIONAL:</u> Woomera is a joint defense community with the Australian Department of Defense. Our homes are integrated into the overall housing area and do not comply with the Woomera Village housing concept. The Australian government has been replacing their modular units with permanent brick construction. Morale problems will arise if the community perceives that U. S. Military families are living in "slums". Further, substandard housing does not portray the desired image of the United States Air Force. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".</p>		

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
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ADVANCE PLANNING AND DESIGN

Program (In Thousands)

FY 1995 Program \$ 9,275

FY 1994 Program \$11,901

Purpose and Scope

This program provides for preliminary studies to develop planning document for additional family housing facilities, comprehensive improvement and construction plans, and production of housing community plans (HCP); studies for site adaptation and determination of type and design of units; and working drawings, specifications, estimates, project planning reports and final design drawings of family housing construction projects. This includes the use of architectural and engineering services in connection with any family housing new or post acquisition construction program.

Program Summary

Authorization is requested for:

- (1) Advance planning and design for future year housing programs;
and
- (2) Appropriation of \$ 9,275,000 to fund this effort as outlined in
the following exhibit:

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
VARIOUS AIR FORCE BASES			FAMILY HOUSING ADVANCE PLANNING AND DESIGN		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
8.87.42	711-000	XXXX95000PAD	9,275		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
FAMILY HOUSING ADVANCE PLANNING AND DESIGN		LS			9,275
SUBTOTAL					9,275
TOTAL CONTRACT COST					9,275
TOTAL REQUEST					9,275
10. Description of Proposed Construction: Architect-engineer services, surveys, fees, etc., in connection with advance planning and design of family housing dwelling units and properties included in or proposed for the Air Force Family Housing Account.					
11. <u>PROJECT:</u> <u>REQUIREMENT:</u> The funds requested are necessary to procure architect-engineer services to make site and utility investigations; one time multi-phase design, and housing community plan (HCP) developments; for the preparation of design and specifications of advance plans for future year housing programs in connection with any family housing new or post acquisition construction programs. <u>IMPACT IF NOT PROVIDED:</u> The funds requested are necessary to support the development of the Housing Community Plans and to support the new construction and post acquisition construction programs.					

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OPERATIONS, UTILITIES AND MAINTENANCE
(Excluding Leasing and Debt)

Program (In Thousands)
FY 1995 Program \$688,562
FY 1994 Program \$672,625

Purpose and Scope

a. Operations. This portion of the program provides for operating expenses in the following sub-accounts:

(1) Management. Includes installation-level management such as housing office operations, quality assurance evaluators, administrative support, community liaison, and annual title service fee. Housing referral costs are also included. The housing referral program helps the two-thirds of our Air Force families that live in local communities to find housing. It implements the Fair Housing Act of 1968, and it meets the intention of the FY 1991 National Defense Authorization Act which requires housing relocation support, to include counseling on housing decision making, providing advance information on new base of assignment, and assisting through settling-in and home finding services.

(2) Services. Provides basic support services such as refuse collection and disposal; fire and police protection; entomology and pest control; snow removal and street cleaning.

(3) Furnishings. Procures household equipment (primarily stoves and refrigerators) and, in limited circumstances, furniture; controls furnishings inventories; maintains and repairs such items.

(4) Miscellaneous. Includes mobile home hookups, leased office and warehouse space supporting family housing, payments to other Federal agencies or foreign governments to operate Permit Housing units occupied by Air Force personnel, and similar costs.

b. Utilities. Includes all utilities serving family housing, purchased and use produced, except telephone.

c. Maintenance. Provides upkeep of family housing real property, as follows:

(1) Maintenance/Repair of Dwellings. Service calls, routine maintenance, repairs and replacement.

(2) Exterior Utilities. Maintenance and repair of water,

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sewer, electric, heat and gas lines located within family housing areas.

(3) Other Real Property. Upkeep of grounds, roads, parking areas, and other property for the exclusive use of family housing not shown above.

(4) Alteration and Additions. Minor alterations to dwellings or housing support facilities. Larger scope or higher dollar value items are funded in the construction program.

Operations and Maintenance Program Summary - Highlights

Authorization/Appropriation is requested in FY 1995 for \$688,562,000. This amount, together with estimated reimbursements of \$11,139,000, will fund the FY 1995 Operations and Maintenance program of \$699,701,000.

A summary of the funding program for FY 1995 follows
(\$ in thousands):

<u>Operations</u> <u>Request</u>	<u>Util</u> <u>Request</u>	<u>Maint</u> <u>Request</u>	<u>Ttl Direct</u> <u>Request</u>	<u>Reimburse-</u> <u>ment</u>	<u>Total</u> <u>Program</u>
\$126,446	\$178,472	\$ 383,644	\$ 688,562	\$11,139	\$699,701

As a result of base closures, the Air Force average housing inventory is reduced by over three percent from FY 94 to FY 95. The budget is reduced at a greater rate with the maintenance account absorbing most of the reduction. The FY 95 Air Force family housing budget requests resources necessary to adequately operate and maintain housing and provide housing referral support. The Air Force's FY 95 budget achieves the following:

- * Meet obligations for payroll, leases, utilities and service contracts.
- * Provides an operations and maintenance budget to pay for the cost of ownership in terms of property management and day-to-day maintenance.
- * Reduces utility consumption through maintenance projects that keep energy costs down. Overall cost is less than inflation.
- * Performs capital maintenance projects that attack the aging housing infrastructure in order to maintain an acceptable, safe living environment until the house is scheduled for whole-house upgrade or replacement.
- * Includes \$4.1 million for contract cleaning at overseas locations only. The budgeted amount will allow cleaning of approximately 17,500 units at an average per unit cost of \$235.00.

AIR FORCE FAMILY HOUSING FY 1995 BUDGET ESTIMATE (Excludes Leases)				EXHIBIT FH-2 MAJCOM: all	WORLDWIDE
Inventory Data		FY94	FY95		
Units in Beginning of Year		125,859	120,825		
Units at End of Year		120,825	116,997		
Average Inventory for Year		123,342	118,911		
Funding Requirements(\$000)		Total Cost	Unit Cost	Total Cost	Unit Cost
Operations (Direct)					
Management		48,073	390	46,970	395
Services		31,916	259	32,724	275
Furnishings		43,035	349	42,852	360
Miscellaneous		5,609	45	5,794	49
SubTotal Gross Obligations		128,633	1,043	128,340	1,079
Anticipated Reimbursements					
		1,793	15	1,894	16
Direct Obligation Operations		126,840	1,028	126,446	1,063
Utilities - (TOA)		213,561	1,731	186,826	1,571
Anticipated Reimbursements		8,518	69	8,354	70
Direct Obligation Utilities		205,043	1,662	178,472	1,501
Maintenance					
M&R Dwellings		247,482	2,006	280,951	2,363
M&R Ext. Utilities		41,828	339	42,200	355
M&R Other Real Property		27,885	226	26,094	219
Alter & Add.		31,371	254	35,290	297
SubTotal Gross Obligations		348,566	2,826	384,535	3,234
Anticipated Reimbursements		897	7	891	7
Direct Obligation Maintenance		347,669	2,819	383,644	3,226
Grand Total, O&M - TOA		690,717	5,600	699,701	5,884
Grand Total, O&M - NOA		679,552	5,509	688,562	5,791

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Operations (\$ in Thousands)

<u>FY 1994 Budget Estimate</u>	<u>FY 1995 Request</u>
\$120,647	\$126,466

The FY 1995 program represents the Air Force family housing requirements and was developed using OSD/OMB approved inflation and foreign currency formulation rates. To the extent known, adjustments have been made for actual base closures and proposed overseas force structure draw downs. Requirements reflect a program which is equivalent to the FY 1994 level of effort with increases for prescribed inflation and change in inventory supported. Each program sub-account is described in detail in the following analysis.

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RECONCILIATION OF INCREASES AND DECREASES
Exhibit OP-5

Management. The Management account includes installation-level management such as housing office operations, quality assurance evaluators, administrative support, community liaison, and annual service fee paid to the Corporation-Trust Company to provide the required corporate presence in Delaware. Housing referral costs are also included; the housing referral program assists personnel to find quarters in the private sector and implements the Fair Housing Act of 1968.

1.	FY 1994 President's Budget Request	\$44,282
2.	Program Increases: Foreign national termination costs	\$ 1,998
3.	FY 1994 Current Estimate	\$46,280
4.	Price Growth Inflation	\$ 1,050
5.	Program Decreases: Reduction of 4,431 units due to base closures and realignments; also civilian hiring freezes have reduced costs.	\$-2,254
6.	FY 1995 Budget Request	\$45,076

Analysis of Changes in Management

The request includes increases for inflation and foreign national termination costs. The increases are offset by a decrease in units supported as a result of base closure actions and civilian hiring freezes.

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RECONCILIATION OF INCREASES AND DECREASES
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Services. The Services account provides basic support services such as refuse collection and disposal; fire and police protection; entomology and pest control; snow removal; and street cleaning.

1.	FY 1994 President's Budget Request	\$28,183
2.	Program Increases: Newly levied environmental requirements.	\$ 3,733
3.	FY94 Current Estimate	\$31,916
4.	Price Growth Inflation	\$ 734
	Program Increases: Newly levied environmental regulations	\$ 1,293
5.	Program Decreases: Reduction of 4,431 units due to base realignment and closure resulting in fewer services provided.	\$-1,219
6.	FY 1995 Budget Request	\$32,724

Analysis of Changes in Services

Military Family Housing activities are experiencing significant cost escalation due to the need to meet new environmental standards. New initiatives to control lead based paint, asbestos, servicing underground heating fuel storage tanks for leak detection, spill/overflow protection and corrosion control require additional resources.

This request will provide essential services for refuse collection, entomology, snow removal, and police/fire protection, etc. The per unit cost in FY 1994 of \$228.00 increases in FY 1995 to \$275.00, primarily as the result of application of newly levied environmental requirements overseas. The FY 1995 budget has been increased by the added cost of escalation in service contracts and Foreign National pay raises.

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Furnishings. Furnishings include the procurement for initial issue or replacement of household equipment (primarily stoves and refrigerators) and in limited circumstances, furniture; the control, moving and handling of furnishings inventories; and the maintenance and repair of such items.

1.	FY 1994 President's Budget Request	\$43,543
2.	Program Decreases: Reduction of inventory stock replenishment due to base closure and realignments	\$ -508
3.	FY 1994 Current Estimate	\$43,035
4.	Price Growth Inflation	\$ 990
5.	Program Decreases: Reduction of 4,431 units due to base closure and realignments	\$-1,173
6.	FY 1995 Budget Request	\$42,852

Analysis of Changes in Furnishings

Furnishings costs are trending downward from over \$50 million per year in the late 1980's to \$42.8 million in FY 1995. Base closures and realignments from overseas have been the primary cause of these reductions. Also, the Air Force reduced the locations with limited JTR status which required extensive furnishings support.

The FY 1995 estimate reflects the "sense of Congress" for increased burden sharing. Also, planning for future force structure reductions overseas allowed the Air Force to start reducing overseas furnishing inventories. While the exact number of military families and timing of the overseas draw down is still occurring, continued support of bases which will remain open is necessary to maintain adequate backup stock of appliances and furnishings for our overseas dependent families. Also, certain furniture items will continue to be needed. Loaner sets of furniture are issued to military families overseas to let them occupy permanent quarters prior to the arrival of personally owned furniture and to let personnel stay in permanent quarters after furniture is shipped due to a change of station. Loaner sets reduce the cost of Temporary Lodging Allowance since families are not in temporary quarters drawing this allowance.

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Analysis of Changes in Furnishings (cont.)

Other items of household furnishings normally built into U.S. houses which are limited or not available in foreign countries, such as wardrobes (clothes closets), kitchen cabinets or appliances, are issued to military families.

This request also includes initial issue of appliances to support newly constructed or leased housing units being added to the Air Force inventory.

This account requests funding for essential furnishings at levels consistent with cost/benefit studies and the needs of the Air Force. If support is not provided in this manner, costs are incurred in the military allowance and other support appropriations which exceed these costs.

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Miscellaneous. Includes mobile home hookups, leased office and warehouse space supporting family housing, payments to other Federal agencies or foreign governments to operate Permit Housing units occupied by Air Force personnel, and similar costs.

1.	FY 1994 President's Budget Request	\$ 4,639
2.	Program Increases: Foreign Currency Revaluation	\$ 970
3.	FY 1994 Current Estimate	\$ 5,609
4.	Price Growth	\$ 185
5.	FY 1995 Budget Request	\$ 5,794

Analysis of Changes in Miscellaneous

Request provides for a slight increase in the price of accommodation charges for occupancy of units owned by the United Kingdom. Also, the costs of units supported in Australia are subject to foreign currency gains or losses which are not covered in the FCF account. These accommodation costs are incurred in accordance with requirements in host country agreements and are budgeted as "must pay" expenses.

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Utilities. This project provides for all utilities consumed in government-owned military family housing. Included is electricity, heating, water, sewage and waste systems. MFH facilities consume approximately one-fifth of Air Force facility energy usage; therefore, MFH residents and management share a significant role in the achievement of Air Force energy reduction goals. Since MFH occupants are not billed for their energy consumption, conservation motivation must be rooted in other than financial incentives. The single most effective incentive is command emphasis. Energy projects to install set back thermostats, water heater jacket insulation and insulation of crawl and attic spaces have had good results toward the attainment of Air Force energy conservation goals. The Air Force's long term goal is to reach a 20 percent reduction in MFH facility energy consumption using FY 85 as a base year, by the year 2000. This is in line with the DoD goal.

1.	FY 1994 President's Budget Request	\$211,036
2.	Program Decreases	
	Increased burden sharing from Government of Japan	\$ -5,993
3.	FY 1994 Current Estimate	\$205,043
4.	Price Growth	\$ 4,716
5.	Program Decreases	
	Reduction of 4,431 units as a result of Base Closure and Realignment	\$ -4,652
	Increased burden sharing from Government of Japan	\$ -7,867
	Cost adjustment to overseas requirements	\$ -15,000
	Energy consumption savings	\$ -3,768
6.	FY 1995 Budget Request	\$178,472

Analysis of Changes in Utilities

The requirement for FY 1995 is based on historical obligation trends which continue to be influenced by mild weather and energy conservation savings resulting from whole house improvements and energy conservation projects.

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Analysis of Changes in Utilities (cont.)

We have also received the benefits of a country to country agreement with Japan which shifts some of the utility costs on Japanese bases to the Government of Japan. The reduced Air Force costs are being phased in during FYs 1993, 1994 and 1995.

The funding stream depicted in the following table is consistent with the Air Force goals of reducing energy consumption and costs.

UTILITIES

<u>ENERGY CONSUMPTION</u>	<u>FY 93</u>	<u>FY 94</u>	<u>FY 95</u>
Electricity (MWH)	1,859,857	1,796,999	1,764,502
Fuel Oil (Bbls)	401,013	395,922	393,310
Natural Gas (KCF)	6,807,387	6,469,249	6,393,356
Coal (MBTUs)	486,671	391,671	359,726
Purchased Steam (MBTUs)	582,316	580,445	580,421

The Budget request for utilities in FY 1995 includes the costs of electricity, coal, gas, fuel oil, water and sewage treatment. Overall, utility rates are stabilizing. Continued conservation efforts are reducing consumption and costs. The primary reason for cost growth is due to inflation and foreign currency losses which is offset somewhat by continued emphasis on conservation of utilities.

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Exhibit OP-5

Maintenance. Includes service calls, change of occupancy rehabilitation, routine maintenance, preventive maintenance, interior and exterior painting, and major repairs. Provides upkeep of family housing real property.

1.	FY 1994 President's Budget Request	\$403,942
2.	Congressional General Reduction	-\$ 63,000
3.	Program Increases:	
	For backlog reduction	\$ 6,727
4.	FY 1994 Current Estimate	\$347,669
5.	Price Growth	\$ 9,734
6.	Program Decreases:	
	Reduction of 4,431 units as a result of base closure and realignment	\$-14,316
7.	Program Increases:	
	Increase to program to Reduce Backlog	\$ 40,557
8.	FY 1995 Budget Request	\$383,644

Analysis of Changes in Maintenance Program

FY 1995 maintenance request will only provide a small reduction in our continuing backlog of maintenance and repair. Previously limited maintenance funding and a high occupant turnover has accelerated deterioration of the Air Force's aging housing inventory. Continued emphasis on maintenance and repair of dwelling is essential to assure availability of quarters for occupancy. Limited funding in prior years has resulted in temporary fixes while more permanent initiatives are slipped. Deferring such work has exacerbated the rate of deterioration in our inventory.

The recent exception to the limited maintenance funding was FY 1993. Unexpected savings from the overseas lease program and from the increased burden sharing agreements for utility costs at Japanese bases provided a source of funds to reprogram for dire maintenance requirements. Therefore in FY 1993 the Air Force was able to make a significant reduction in the maintenance backlog. With a level of funding equivalent to FY 1993 the problems of deterioration of the

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aging housing inventory can be stopped. The primary cause for the deterioration is a lack of funding for deferred maintenance and repair (DMAR). As indicated in the following table, the FY 1994 Congressional reduction resulted in DMAR growing by \$140 million.

The FY 1995 funding obtained does not address long term DMAR problems. A lack of support for DMAR exacerbates the problems in the future.

Backlog of Deferred Maintenance

Consistent with Congressional concerns, the Air Force is actively pursuing means to reduce the backlog of maintenance and repair. The Air Force's present goal is to within the next 10 years reduce end of year backlog to one year's normal recurring maintenance.

Our emphasis on whole house revitalization, via the investment program helped control the burden on our maintenance account. The investment program consists of approximately 68 percent maintenance and repair type work. Of this, approximately 60 percent applies to DMAR. As shown in the table below, when the limited available maintenance funds are combined with efforts in the investment program, the growth in DMAR is slowed. The closure of our bases has reduced much of the backlog.

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The following chart illustrates the Backlog of Deferred Maintenance (In Then Year \$M).

Fiscal Year	<u>FY 91</u>	<u>FY 92</u>	<u>FY 93</u>	<u>FY 94</u>	<u>FY 95</u>
Backlog at Start of Year*	1,190	1,336	1,311	755	922
Closure Offset	-48	-124	-223	0	0
Annual DMAR Requirement					
O&M Reqmt	415	434	423	416	412
Investment Reqmt	164	169	173	177	181
Total Requirement	1,721	1,815	1,684	1,348	1,515
Available Financing					
O&M Funding	330	442	483	348	384
60 % of Investment	94	100	166	105	146
Total Financing	424	542	649	453	530
Year End Backlog	1,297	1,273	1,035	895	985
Backlog Reduction/ (Backlog Growth)**	(107)	63	276	(140)	(63)

- * - The backlog at the beginning of the year is equal to the previous year's backlog plus 3% for asset deterioration.
- In FY 1994, the program decrease over the FY 93 year end accounts for good bids in FY93, BRAC III DMAR that is no longer required, and updated field validation of FY 1994 requirements.

- ** - To zero the DMAR growth would require \$28 million in O&M and \$35 million in investment.

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FAMILY HOUSING REPAIRS
(Exceeding \$15K Threshold)

This information is provided to comply with the 1984 House Appropriations Committee language that requires the Services to report any expenditures from the maintenance account which will exceed \$15,000 per unit.

UNITED STATES

<u>Location</u>	<u>No. Units</u>	<u>Age of Units</u>	<u>Per Unit Cost</u>	<u>Unit (NSF)</u>	<u>Proj (NSF)</u>	<u>Total Cost (\$K)</u>	<u>Improvements/ Non-Routine M&R \$K FY89-93)</u>
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CALIFORNIA

<u>Vandenberg</u>	172	35	18.0	1,064	183,008	3,096.0	None
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Narrative: Phase II of an ongoing major repair effort. This project replaces overhead galvanized water pipes that are corroded and leaking, ruining sheet rock walls/ceilings and light fixtures. The water pipes are full of sediment and flow is severely restricted. In some cases, hot water travels so slowly it is luke warm by the time it reaches the bathroom. The electrical system is a two-prong dated 1960 technology system that is incompatible with today's appliance outlets causing damage to appliances and the system. The 50 AMP services need to be upgraded to safely handle the load placed on electrical systems. This project will add a grounding wire to achieve a 3-prong system. The project is a minimal requirement to provide basic safe water and electricity to the homes.

<u>Los Angeles</u>	4	75	46	1,654	6,616	184	None
	3	75	27	1,654	4,962	82.5	None

Narrative: Replacement of undersized 75 year old garages at Ft. MacArthur. Work must meet all State Historical Preservation Office requirements. Renovation work last accomplished on units in 1982; the work did not include garages.

ILLINOIS

<u>Scott</u>	41	54	28.6	1,830	75,030	1,133	None
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Narrative: Replace slate shingle roofs on housing units and detached garages. Repair dormers, flashing and deteriorated wood trim. The original slate shingles are splitting/cracking and fasteners are filing, allowing shingles to release and slide off the roofs. The falling shingles create a safety hazard, especially around the entrance.

COLORADO

<u>Academy</u>	1	58	40.0	1,517	1,517	40	None
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Narrative: This project is to repair and perform minor alterations on an indigenous unit to include replacing the roof, entry doors, kitchen cabinets, bathroom tile and windows, and correct plumbing and electrical deficiencies. This project is the most economical way to bring the unit up to standards without doing whole-house upgrade which given the age, style and configuration of the unit, is not economically justifiable.

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FAMILY HOUSING REPAIRS
(Exceeding \$15K Threshold)

<u>Location</u>	<u>No. Units</u>	<u>Age of Units</u>	<u>Per Unit Cost</u>	<u>Unit (NSF)</u>	<u>Proj (NSF)</u>	<u>Total Cost (\$K)</u>	<u>Improvements/ Non-Routine M&R \$K FY89-93)</u>
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ERSEAS

AM

<u>Person</u>	200	34	32	1,150	230,000	6,400	None
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rrative: A multiphased project that will replace severely deteriorated elastomeric foam
ofs with built up roofs.

REA

<u>an</u>	8	18	29	1,700	13,600	232	None
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rrative: Repair/replace existing built-up roofs and related work such as gutters, flashings
d downspouts.

PAN

<u>dena</u>	56	17	34	1,476	82,656	1,904	793
	110	30	23	1,240	136,400	2,530	2,330
	68	19	52	1,240	84,320	3,536	1,540

rrative: Replace interior water piping, heating and cooling system, domestic hot water
stem, bathroom fixtures, wall coverings, title and trim, suspended ceiling, kitchen cabinets;
tigate radon, replace electrical system, replace exterior drain pipe brackets and replace
netian blinds. Galvanized iron piping has developed numerous leaks and clogging due to
rrasion. Bathrooms and kitchens require renovation due to rusted fixtures, bathtubs, sinks,
teriorated cabinets, and walls/trim. All work needs to be done in full to avoid unnecessary
redundant costs and to limit disruptions to occupants.

<u>kota</u>	16	30	30	1,950	31,200	480	232
	24	19	35	1,476	35,424	840	None

rrative: Repair kitchens including replacement of exterior glass sliding door, entrance
ors, storm windows and repair bathrooms including fixtures, cabinets, counters, exhausts and
ghts.

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

FAMILY HOUSING REPAIRS
(Exceeding \$15K Threshold)

OVERSEAS (CONTINUED)

<u>Location</u>	<u>No. Units</u>	<u>Age of Units</u>	<u>Per Unit Cost</u>	<u>Unit (NSF)</u>	<u>Proj (NSF)</u>	<u>Total Cost(\$K)</u>	<u>Improvements/ Non-Routine M&R \$K FY89-93)</u>
<u>GERMANY</u>							
<u>Ramstein</u>	44	39	43	1,609	70,800	1,877	183
	58	38	59	1,888	109,554	3,413	324
	72	38	48	1,700	122,432	3,478	None

Narrative: Repair of unsafe frayed electric system with 3-wire grounded system, fixtures, outlets and electric panels. Replacement of kitchen cabinets, counter tops, sinks, and faucets; bathroom fixtures, commodes, showers and vanities. Kitchen and bathrooms are deteriorated beyond minimum standards. Work also includes repair/replacement of floor/wall tiles and plastering painting the interior walls. The roofs also require repair.

<u>Bitburg</u>	48	38	96.5	1,218	58,464	4,615	None
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Narrative: Work includes interior repair/maintenance for 48 units. The project will replace electric distribution, mechanical and ventilation system, and the heating, water and sewage systems. Repair the kitchens, bedrooms, living rooms, balconies, hallways and stair wells. The repair in these rooms includes floors, walls, ceilings, wall tiles, roof and lightning protection. This housing will continue in use to support nearby Spangdahlem AB which is to remain in operation.

AZORES

<u>Lajes</u>	40	41	40.5	1,190	1,190	1,605	29
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Narrative Replace heating/ventilation systems. Repair interior walls and ceilings. Replace rotted window frames/and studs, floor coverings, interior door hardware, and trash and storage sheds. Upgrade/repair electrical system and bathrooms. Install new exterior doors and hardware. Replace hot water heaters. Install wall sound proofing.

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1994 BUDGET REQUEST

GENERAL OFFICER QUARTERS
(Exceeding \$25K Threshold)

This information is provided to comply with the 1984 House Appropriations Committee language that requires the Service to report any expenditures from the maintenance of General Officer Quarters that will exceed \$25,000 per unit.

<u>Location</u>	<u>Qtrs ID</u>	<u>Size NSF</u>	<u>Age of Unit</u>	<u>Ops Ttl</u>	<u>Util Ttl</u>	<u>Main Ttl</u>	<u>Ttl O&M</u>	<u>High Cost</u>	<u>Improvements Non-Routine (\$K FY89-93)</u>
<u>CALIFORNIA</u>									
<u>Los Angeles</u>	1	2,561	75	2.00	2.6	58	62.6	62.6	69.9
	2	2,146	75	2.00	2.5	57	61.5	61.5	49.6
	11A	1,723	75	1.70	2.2	38	41.9	41.9	48.0

Narrative Demolish and remove existing garages, concrete slabs, underground utilities, and existing power. Grade existing area for drainage, place a new concrete slab and, construct garages.

DISTRICT OF COLUMBIA

<u>Bolling</u>	22-27	2,421	60	37.2	43.5	791.4	921.5	144.3	None
	28-32	2,421	60	29.5	35.6	247.0	312.1	63.5	None

Narrative: Repair roofs and windows, and sun porches on GOQ's. The existing roofs and windows are deteriorated due to age and condition. Without repair, the roofs will continue to leak resulting in structural and interior damage to the quarters and occupants personal property. The windows have outlived their useful life, and are energy inefficient. The repairs are necessary to reduce heating and cooling costs. Repair sun porches by replacing deteriorating floors, and exterior walls.

ILLINOIS

<u>Scott</u>	153E	2,234	54	.5	4	38.6	43.1	43.1	47
	153W	2,234	54	.5	4	38.6	43.1	43.1	29
	154N	2,234	54	.5	4	38.6	43.1	43.1	32
	154S	2,234	54	.5	4	38.6	43.1	43.1	37
	156N	2,234	54	.5	4	38.6	43.1	43.1	31
	156S	2,234	54	.5	4	38.6	43.1	43.1	31
	158N	2,234	54	.5	4	38.6	43.1	43.1	30
	158S	2,234	54	.5	4	38.6	43.1	43.1	32
	160N	2,234	54	.5	4	38.6	43.1	43.1	29
	160S	2,234	54	.5	4	38.6	43.1	43.1	31
	162E	2,234	54	6.5	4	38.6	43.1	43.1	35

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1994 BUDGET REQUEST

GENERAL OFFICER QUARTERS
(Exceeding \$25K Threshold)

<u>Location</u>	<u>Qtrs ID</u>	<u>Size NSF</u>	<u>Age of Unit</u>	<u>Ops Ttl</u>	<u>Util Ttl</u>	<u>Main Ttl</u>	<u>Ttl O&M</u>	<u>High Cost</u>	<u>Improvements Non-Routine (\$K FY89-93)</u>
<u>Scott (Cont'd)</u>									
	162W	2,234	54	6.5	4	38.6	43.1	43.1	32
	200	2,676	54	6.5	4.2	39.1	49.8	49.8	62
	201	2,253	54	.5	4.2	39.1	49.8	49.8	41
	227	2,879	54	6.5	5	43.7	55.2	55.2	53
	229	2,879	54	6.5	5	43.7	55.2	55.2	53
	231	2,879	54	6.5	5	43.7	55.2	55.2	55

Narrative: Replace slate shingle roofs on housing units and detached garages. Repair dormers, flashing and deteriorated wood trim. The original slate shingles are splitting/cracking and fasteners are failing, allowing shingles to release and slide off the roofs. The falling shingles create a safety hazard

OVERSEAS

KOREA

<u>Osan</u>	437A	1,864	18	1.1		45	49.3	49.3	6
	1065A	1,700	18	3.2		45	52.0	52.0	23

Narrative: Repair/replace existing built-up roof and other related work such as gutters, flashings and downspouts.

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST
RECONCILIATION OF INCREASES AND DECREASES
Exhibit OP-5

Reimbursement. Includes collections received from rental of Air Force family housing to foreign nationals, civilian and other personnel. Included in the estimate is the anticipated reimbursements due to members who separate voluntarily that are authorized to live in government quarters for up to six months after separation.

1.	FY 1994 President's Budget Request	\$ 9,397
2.	Program Increases Military Personnel to stay in MFH past their authorized termination date	\$ 1,811
3.	FY 1994 Current Estimate	\$11,208
4.	Price Growth Inflation	\$ 258
5.	Program Decreases Fewer units to support	\$ -327
6.	FY 1995 Budget Request	\$11,139

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST
RECONCILIATION OF INCREASES AND DECREASES
Exhibit OP-5

Leasing. Provides payment for the costs incurred in leasing housing units used for assignment as public quarters. The family housing leasing program provides housing at both domestic and foreign locations when the local economy cannot provide adequate support and the deficit of on-base housing also does not satisfy requirements. The leasing program is authorized by 10 U.S.C. 2828 and provides for payment of rent and operations and maintenance costs of privately owned quarters for assignment as government quarters to military families. This program also includes funds needed to pay for services such as utilities and refuse collection when these services are not part of the contract agreement.

The Air Force continues to rely on the private sector to meet the majority of housing needs. Where the private sector rental markets and on-base housing cannot meet requirements and cost effective alternatives do not exist, short and long-term leases are used. In high cost areas and overseas, the Air Force relies extensively on the leasing program to obtain housing to meet critical housing needs.

1.	FY 1994 President's Budget Request	\$118,266
2.	Program Increases: Lease Operating Costs at Comiso AB Italy	7,135
3.	Program Decreases: Accelerated overseas base closures resulting in programmed leases not materializing	\$ -6,927
4.	Savings in Terminations Costs to Fund Comiso	\$ -7,135
5.	FY 1994 Current Estimate	\$111,339
6.	Price Growth Inflation	\$ 2,556
7.	Program Decreases: Overseas Lease reduction impacted by base closure and realignment	\$ -1,138
8.	FY 1995 Budget Request	\$112,757

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST
RECONCILIATION OF INCREASES AND DECREASES
Exhibit OP-5

Leasing Analysis (cont.)

Authorization is requested for appropriation of \$112,757,000 to fund leases and related expenses in FY 1995. The FY 1995 request for family housing leasing points is summarized as follows:

- (1) 9,201 Foreign lease points
- (2) 5,800 Section 801 lease points
- (3) 3,333 Domestic lease points

Foreign Leasing

Leasing in foreign countries is controlled by Congress. First by the number of lease points authorized, then by the review and approval of contract proposals, and finally by the funds appropriated. As overseas base closures occur, foreign leases are terminated as soon as economically possible. The Air Force is using less than one-half of the authorized foreign lease points. Air Force strategy during the drawdown in Europe is to maximize the use of government-controlled assets thereby providing more affordable housing for our personnel. The Air Force has been able to retain some housing areas from closing bases for use at bases that are remaining. Infact, the percentage of personnel able to reside on base will go up. We have increased assets at Aviano to support mission requirements. At Incirlik, the increase is to provide secure housing for off-base personnel

As the Air Force draws down in Europe, the order of the release of housing assets is placed, where possible, as (1) private rentals (which are usually the most expensive), (2) GRHP and build-to-lease units, and (3) government owned. The exact mix of types of housing will depend upon available assets in each locality. Renewals for leases will be on a year-to year basis to reduce cost by limiting termination liability. Full authorization is required to allow for sufficient flexibility during restructuring to maximize cost effective solutions.

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST
RECONCILIATION OF INCREASES AND DECREASES
Exhibit OP-5

Leasing Analysis (cont.)

The lease at Comiso Italy is a special case where repeated efforts by the Air Force to achieve a cost effective solution for termination of the lease have not yet been successful. Therefore, another annual lease payment of \$7.3 million is required even though a buy-out of the lease for \$14.2 million would be the most cost effective long-term solution by saving the U.S. \$6.2 million over the life to the contract.

Section 801 Leasing

This program is helping to reduce our CONUS family housing deficit at sites where Air Force families are seriously affected by housing shortages and high costs.

In FY 1984, Congress authorized testing a new leasing program for U.S. installations in P.L. 98-115, Section 801. Subsequently, nine housing projects were completed and occupied: Eielson AFB, AK, 300 units; Hanscom AFB, MA, 163 units; Goodfellow AFB, TX, 200 units; March AFB, CA, 200 units; Travis AFB, CA, 300 units; Ellsworth AFB, SD, 200 units and 828 units; and Hurlburt AFB, FL, 300 units, Cannon AFB, NM, 350 units; and Eielson AFB, AK, 120 units. The remaining 246 units of the Eielson AFB project will be occupied in FY 1995 upon completion. In addition, as part of a combined project with the Naval District of Washington, 414 units each for Andrews AFB and Bolling AFB are scheduled for full occupancy by the 4th quarter of FY 1995.

For 1995 the occupancy of the Eielson and Andrews leases will increase funding requirements. After Andrews is fully occupied the 801 leasing requirements stabilize.

Domestic Leasing

Domestic leasing provides temporary housing for Air Force families pending availability of permanent housing. For example, Onizuka's Domestic leasing project has provided interim relief for service families assigned to the San Francisco area pending transfer of Moffett NAS housing to the Air Force. This has been an excellent transition procedure to support families in a high cost area while preparing for long term solutions with the transfer of Moffet housing to the Air Force.

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST
RECONCILIATION OF INCREASES AND DECREASES
Exhibit OP-5

Leasing Analysis (cont.)

Congress has authorized leasing of domestic units (10 U.S.C. 2828) on a temporary basis to satisfy critical requirements until a permanent solution can be found or if more economical than construction. In FY 1994, the Air Force plans to begin termination of all domestic leases at Onizuka AFB, CA. All leases at Onizuka should be terminated by the 1st quarter of FY 1995. The Air Force will use the cost savings to operate and maintain housing at Moffett NAS, predominately for Air Force personnel. The Air Force requests an extension of 60 domestic leases for Air Force personnel at Los Angeles AFB; 20 domestic leases for Armed Forces Radio and Television Services personnel at Los Angeles CA; a continuation of 30 leases at Harrison, AR; and an extension of 70 domestic leases at Moody AFB, GA and 142 domestic leases at Shaw AFB, SC.

FAMILY HOUSING, DEPARTMENT OF THE AIR FORCE
ANALYSIS OF LEASED UNITS
(Other than Section 801)
FY 1995

LOCATION (OAC)	FY 93			FY 94			FY 95		
	UNITS AUTH	LEASE MONTHS	COST (\$000)	UNITS AUTH	LEASE MONTHS	COST (\$000)	UNITS AUTH	LEASE MONTHS	COST (\$000)
DOMESTIC LEASES									
Onizuka, CA (83)	125	1,500	\$1,028	67	804	\$942	0	0	\$0
Holbrook, AZ (78)	12	144	\$137	25	300	\$288	0	0	\$0
Harrison, AR (78)	0	0	0	30	360	\$346	30	360	\$346
Los Angeles, CA (47)	60	720	\$728	60	720	\$748	60	720	\$770
Los Angeles, CA/AFRTS (47)	10	120	\$120	20	240	\$240	20	240	\$240
Moody AFB, GE (78)	300	3,600	\$864	72	864	\$864	70	840	\$847
Shaw AFB, SC (78)	250	3,000	\$1,704	142	1,704	\$1,704	142	1,704	\$1,704
Unassigned	2,576			2,917			3,011		
TOTAL DOMESTIC LEASES	3,333	9,084	\$4,581	3,333	4,982	\$5,132	3,333	3,864	\$3,907
FOREIGN LEASES									
Copenhagen (83)	4	48	\$50	4	48	\$80	4	48	\$80
Seychelles (83)	2	24	\$12	2	24	\$27	2	24	\$27
Ascension (83)	1	12	\$17	1	12	\$17	1	12	\$17
Salpan (83)	1	12	\$14	1	12	\$14	1	12	\$14
Alconbury (80)	250	3,000	\$2,960	250	3,000	\$3,134	250	1,900	\$1,894
Ankara (80)	100	1,200	\$2,256	40	480	\$817	20	240	\$344
Aviano (80)	129	1,548	\$1,545	554	6,648	\$6,448	829	7,365	\$7,858
Bentwaters (80)	778	9,336	\$5,004	293	3,516	\$3,983	293	3,516	\$4,002
Comiso (80)	460	5,520	\$6,968	460	5,520	\$7,135	460	5,520	**[\$7299]
Geilenkirchen (80)	1	12	\$26	1	12	\$30	1	12	\$32
Hahn (80)	300	900	\$190	0	0	\$0	0	0	\$0
Incirlik (80)	40	480	\$750	110	1,320	\$2,461	110	1,320	\$2,689
Imzir (80)	9	108	\$250	9	108	\$259	9	108	\$270
Palikar (80)	35	420	\$697	36	420	\$730	36	420	\$772
Lakenheath (80)	1,065	12,780	\$12,243	1,065	12,780	\$12,992	1,065	12,780	\$13,376
Oslo (80)	2	24	\$74	1	12	\$91	1	12	\$95
Paris (80)	1	12	\$36	1	12	\$37	1	12	\$38
Ramstein (80)	690	8,280	\$7,222	519	6,228	\$6,047	519	6,228	\$6,110
Rhein Main (80)	392	6,483	\$6,483	332	3,984	\$6,934	332	1,990	\$3,430
Rome (80)	4	48	\$80	2	24	\$40	1	12	\$20
San Vito (80)	151	1,812	\$3,048	151	1,812	\$3,181	151	1,812	\$3,227
Soesterberg (80)	190	2,280	\$2,731	190	2,280	\$3,047	0	0	\$0
Spangdahlem (80)	500	6,000	\$6,216	500	6,000	\$6,629	500	6,000	\$6,843
Torrejon (80)	858	0	\$402	0	0	\$0	0	0	\$0
Upper Heyford (80)	50	600	\$888	50	600	\$966	50	600	\$995
Osan (74)	276	3,312	\$3,288	276	3,312	\$3,661	276	3,312	\$3,879
Lajes (65)	2	24	\$12	2	24	\$12	2	24	\$13
Bangkok (53)	7	84	\$129	7	84	\$142	7	84	\$150
Classified Location (53)	3	36	\$100	3	36	\$103	3	36	\$108
Cairo, Egypt (51)	3	36	\$75	3	36	\$80	3	36	\$85
Nairobi, Kenya (51)	2	24	\$43	2	24	\$46	2	24	\$50
Jordan (43)				2	24	\$38	2	24	\$40
Unassigned	2,895			4,334			4,270		
Termination Costs									
Ankara						\$3,970			\$300
Bentwaters									
Soesterberg									
Other			\$0			\$0			\$0
TOTAL FOREIGN LEASES	9,201	64,455	\$63,809	9,201	58,392	\$73,151	9,201	53,483	\$56,758
GRAND TOTAL FH-4	12,534	73,539	\$68,390	12,534	63,384	\$78,283	12,534	57,347	\$60,665

DD Form 2458-2, JUN 86

Exhibit FH-4

** As a result of Congress' failure to buyout Comiso in FY94 we will have to achieve economies in our leasing program to cover the cost of the \$7M lease. These costs must be absorbed within the FY95 program. If that does not prove viable we will move funds from our maintenance account.

FAMILY HOUSING, DEPARTMENT OF THE AIR FORCE
ANALYSIS OF HIGH COST LEASED UNITS
(Other than Section 801)
FY 1995

LOCATION	FY95 TOTAL LEASES Per Country	FY93			FY94			FY95		
		HIGH COST UNITS	HIGH COST Defined	EST COST	HIGH COST UNITS	HIGH COST Defined	EST COST	HIGH COST UNITS	HIGH COST Defined	EST COST
DOMESTIC LEASES										
Los Angeles, Ca		15	12,000	189,000	15	12,000	193,000	15	12,000	194,000
Orizuka, Ca		125	to	1,744,000	125	to	1,745,000	67	to	942,000
None Over \$14K per Year		0	14,000		0	14,000		0	14,000	
Sub - Total Domestic	722	140		1,933,000	140		1,936,000	82		1,136,000
FOREIGN LEASES										
*Gellenkirchen, Germany	1,388	1	25,590	26,000	1	26,076	30,000	1	26,076	32,000
*Izmir, Turkey	139	1	2,968	52,900	1	2,968	55,200	1	2,968	57,200
*Izmir, Turkey	139	1	2,968	50,500	1	2,968	52,500	1	2,968	54,600
*Izmir, Turkey	139	1	2,968	23,200	1	2,968	24,100	1	2,968	25,050
*Izmir, Turkey	139	1	2,968	21,400	1	2,968	22,250	1	2,968	23,150
*Izmir, Turkey	139	1	2,968	20,400	1	2,968	21,200	1	2,968	22,050
*Izmir, Turkey	139	1	2,968	20,300	1	2,968	21,100	1	2,968	21,950
*Izmir, Turkey	139	1	2,968	20,200	1	2,968	21,000	1	2,968	21,900
*Izmir, Turkey	139	1	2,968	20,100	1	2,968	20,900	1	2,968	21,750
*Izmir, Turkey	139	1	2,968	20,500	1	2,968	21,300	1	2,968	22,150
**Oslo, Norway	1	1	23,685	63,200	1	23,987	83,300	1	23,987	93,600
***Paris, France	1	N/A	N/A	35,500	N/A	N/A	36,900	N/A	N/A	38,400
***Copenhagen, Denmark	4	N/A	N/A	29,200	N/A	N/A	35,000	N/A	N/A	35,000
***Egypt	3	N/A	N/A	75,000	N/A	N/A	80,000	N/A	N/A	85,000
***Kenya	2	N/A	N/A	43,000	N/A	N/A	46,000	N/A	N/A	50,000
***Thailand	7	N/A	N/A	129,000	N/A	N/A	142,000	N/A	N/A	150,000
Classified Location	3	N/A	N/A	100,000	N/A	N/A	103,000	N/A	N/A	108,000
Sub - Total Foreign		11		750,400	11		815,350	11		861,800
GRAND TOTAL FH-4A		151	N/A	2,683,400	151	N/A	2,753,550	93	N/A	1,997,800

Exhibit FH-4A

The HIGH COST domestic leases range between \$12k and \$14k per year. No domestic lease exceeds \$14K per year.

* The adjusted cost cap for overseas leases is determined by multiplying \$20k times the FY 95 exchange rate divided by the FY 95 exchange rate. Leases exceeding this cap are defined as HIGH COST and are counted against the number of high cost leases allowed.

** Oslo lease will move to Stavanger in mid FY94

*** State Department pool leases do not count against the total number of high cost leases allowed.

FAMILY HOUSING, DEPARTMENT OF THE AIR FORCE
SECTION 801 FAMILY HOUSING SUMMARY
(Dollars in Thousands)
FY 1995

LOCATION	NO. OF UNITS	FY OF INITIAL AUTH	DATE OF AWARD	DATE OF FULL OCCUP	FY93 COSTS	FY94 UNITS	FY94 COSTS	FY95 UNITS	FY95 COSTS
Hanscom AFB, MA	163	FY84	SEP 85	OCT 87	\$2,701	163	\$3,074	163	\$3,225
Goodfellow AFB, TX	200	FY86	SEP 86	JAN 88	\$2,032	200	\$2,187	200	\$2,294
Andrews AFB MD	828	FY90	SEP 91	JUL 95	\$0	294	\$1,881	828	\$8,551
Hurlburt AFB FL	300	FY90	JUN 90	JUL 92	\$2,823	300	\$3,155	300	\$3,425
March AFB, CA	200	FY86	NOV 87	NOV 88	\$2,024	200	\$2,243	200	\$2,372
Travis AFB, CA	300	FY88	SEP 89	AUG 91	\$3,991	300	\$4,567	300	\$4,828
Eielson AFB, AK	300	FY84	JAN 85	JUL 86	\$4,680	300	\$5,325	300	\$5,771
Eielson AFB, AK	366	FY91	SEP 91	SEP 95	\$0	120	\$305	366	\$3,084
Ellsworth AFB (2), SD	828	FY88	AUG 89	JUN 91	\$8,887	828	\$10,357	828	\$11,133
Ellsworth AFB, SD	200	FY88	JUN 89	JUL 90	\$2,222	200	\$2,590	200	\$2,784
Cannon AFB, NM	350	FY88	JUN 91	AUG 93	\$3,035	350	\$3,723	350	\$4,002
SIOH Estimate/Maintenance					\$494		\$576		\$623
ANNUAL REQUIREMENT	4,035	N/A	N/A	N/A	\$32,889	3,255	\$39,983	4,035	\$52,092
Unused Lease Points	1,765				\$0	2,331	\$0	1,765	\$0
GRAND TOTAL FH-5	5,800	N/A	N/A	N/A	\$32,889	5,586	\$39,983	5,800	\$52,092

Exhibit FH-5

ANDREWS SCHEDULE - 101 UNITS APR 94, 193 UNITS SEP 94, 193 UNITS MAR 95, 201 UNITS APR 95, 140 UNITS JUN 95

EIELSON SCHEDULE - 60 UNITS JUN 94, 60 UNITS SEP 94, 60 UNITS JAN 95, 60 UNITS APR 95, 60 UNITS APR 95, 60 UNITS JUN 95, 66 UNITS SEP 95

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FY 1995 BUDGET REQUEST

DEBT PAYMENT

Program (in Thousands)

FY 1995 Program \$26

FY 1994 Program \$21

Purpose and Scope

The Debt Payment program continues in FY 1995 in name only, as the last of the Capehart and Wherry mortgages were liquidated in FY 1989.

This program includes payment of Servicemen's Mortgage Insurance Premiums to FHA for mortgages assumed by active military personnel prior to FY 1980. These payments continue to decline to lower levels in FY 1995.

Program Summary

Authorization is requested for the appropriation of \$26,000 as follows:

<u>(\$ In Thousands)</u>	<u>FY 1994 ESTIMATE</u>	<u>FY 1995 ESTIMATE</u>
Servicemen's Mortgage Insurance Premiums	21	26
TOTAL OBLIGATING AUTHORITY (TOA)	21	26
Principal Payment		
Capehart	0	0
Wherry	0	0
Subtotal	0	0
TOTAL REQUIREMENTS (BUDGET AUTHORITY PLUS APPROPRIATION):	21	26

Servicemen's Mortgage Insurance Premiums

Servicemen's Mortgage Insurance Premiums, Section 124, Public Law 560, 83rd Congress, The Housing Act of 1954, aids in providing homes for members of the Armed Forces of the United States and

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their families through a system of FHA mortgage insurance especially designed to assist such members in financing the construction or purchase of homes.

This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980) which allowed coverage only on existing mortgages covered prior to FY 1980. The amount needed to continue funding premiums on mortgages existing prior to FY 1980 continues to decrease. The program for FY 1994 and FY 1995 is as follows:

<u>Fiscal Year</u>	<u>Number</u>	<u>Average Payment/YR</u>	<u>Amount (\$000)</u>
1994	115	182	21
1995	143	182	26